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chrysanthemums

ALEC HENDERSON INC.

1303-05 W. RANDOLPH • CHICAGO 7

PHONE • MONROE 6-3082

TERMS AND CONDITIONS OF SALE

FIFTY ROOTED CUTTINGS OF A VARIETY is the MINIMUM that can be supplied.
MORE THAN 50 of a variety must be in MULTIPLES of 50.

CANCELLATIONS or CHANGES of orders must be received at least 30 days prior to shipping date.

TERMS OF PAYMENT

2% discount allowed on payment 10 days from date of invoice. Sixty days net.

METHOD OF SHIPMENT

We recommend shipping via Air Freight or Air Express wherever possible. Air lines are prepared to phone nearby customers on arrival for pick-up, and for customers too far away from the airport, they will reconsign shipment via the Railway Express Agency to destination. Where shipments are not ordered Air Freight or Air Express, they will be forwarded via Railway Express.

DISCLAIMER

1. We make no warranty, expressed or implied, as to kind, description, quality or productiveness of any stock and we will not be responsible for crop.
2. We will not be responsible for any errors or omissions and in no event shall our liability for any claim of loss or damage due to any cause whatsoever be greater than the invoice value of the merchandise. This order, if accepted, is subject to pro-rata delivery if conditions in our sole judgment justify it, either on account of short crop, prior sale or for any other reason. We will not be responsible for delays, damages or loss in transit. Our liability ceases upon delivery to the common carrier. All orders subject to acceptance by home office.

CHECK YOUR ACKNOWLEDGMENTS

It is most important to read our acknowledgment of your order. This indicates delivery date our grower estimates can be made. It frequently happens that we have to list a different delivery date than the one called for, and it is necessary that you know this when the order is confirmed.

METHOD BY WHICH VARIETIES ARE LISTED IN THIS CATALOG

Both Pompon Types and Standards in our list are grouped by color and number of weeks required to flower when grown under controlled blooming programs. 8-week varieties require 8 weeks to come into bloom after shading is started for summer and early fall blooming, or 8 weeks after lights are discontinued and shading is started for late winter and spring blooming. 9-week varieties require 9 weeks, 10-week varieties require 10 weeks, etc. These groupings are based on conditions at the 40th parallel, and there would be some variations in localities very much farther north or south of this latitude. Normal blooming dates are also indicated.

ABBREVIATIONS USED IN OUR LIST

L. — Large
S. — Small
M. — Medium
Dk. — Dark
Pk. — Pink
Br. — Bronze

Int. — Intermediate
Dec. — Decorative
Anem. — Anemone
Pom. — Pompon
Sgl. — Single
Yel. — Yellow

Prices

PRICES FOR 50 OR MULTIPLES OF 50 OF A VARIETY PER SHIPMENT ARE INDICATED IN THIS TABLE

Price Classification	Per 100				
	50-250	300-450	500-950	1000-2450	2500 Up
P-O	\$15.00	\$14.25	\$13.50	\$12.75	\$12.00
N-2	12.50	12.00	11.50	11.00	10.50
P-1	10.00	9.50	9.00	8.50	8.00
P-2	9.00	8.55	8.10	7.65	7.20
P-3	8.00	7.60	7.20	6.80	6.40
S-1	7.50	7.15	6.75	6.40	6.00
S-2	7.00	6.65	6.30	5.95	5.60
S-3	6.50	6.15	5.85	5.50	5.20
S-4	6.00	5.70	5.40	5.10	4.80

COLLECTIONS

When varieties are not specified, orders may be placed for any general grouping of varieties available at time of shipment. These orders must be in full 300 box units.

1 Box (30 R.C.)	\$17.10	6 Boxes (1800 R.C.)	91.80
2 Boxes (60 R.C.)	32.40	7 Boxes (2100 R.C.)	107.10
3 Boxes (900 R.C.)	48.60	8 Boxes (2400 R.C.)	122.40
4 Boxes (1200 R.C.)	61.20	9 Boxes (2700 R.C.)	129.60
5 Boxes (1500 R.C.)	76.50	10 Boxes (3000 R.C.)	144.00

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following collections, which include the better varieties.

	PRICE PER 100			
	300-450	500-1150	1200-2350	2400 Up
COLLECTION #1: Taller Varieties for cutting	5.70	5.40	5.10	4.80
COLLECTION #2: For bedding or borders	5.70	5.40	5.10	4.80
COLLECTION #3: 50% for cutting—50% for bedding	5.70	5.40	5.10	4.80
COLLECTION #4: For Easter, Mother's Day or Memorial Day Pots	5.70	5.40	5.10	4.80
COLLECTION #5: Cushion Varieties only	5.70	5.40	5.10	4.80

Please state quantity wanted when ordering collections 1 to 5.

Cultural Suggestions

Start out with the best cuttings available. Our stock is produced and shipped by Chrysanthemum Specialists. These top grade cuttings are carefully packed and labelled. There are none better.

CARE OF CUTTINGS WHEN RECEIVED

Upon arrival of the cuttings examine them immediately. If they have been delayed in transit, some damage may have occurred along the way. If the roots should be dry and plants are wilted, soaking them in about 1 inch of water for about 1 hour will revive them greatly.

If they should have become heated and some fungus has developed, dipping them in a solution of Fermate, 2 tablespoons-full to 1 gallon water, will stop any further spread of the fungi. Of course, if the shipment has been delayed too long and the plants have stretched or turned yellow, or should be badly frozen, file claim with the Transportation Company immediately.

SOILS

Chrysanthemums will grow in about any type of soil provided it has reasonable drainage. Steam sterilization before planting, if it is possible, will prevent disease and weed growth. The soil should be low in nitrates at planting time, but should be built up by feeding after the plants have made several inches of new growth.

WATERING

Cuttings should be watered very liberally as soon as planted. Mums need plenty of water during their entire period of growth. Sandy soils require heavier watering.

PINCHING

This operation varies with the specific need for which you are growing the plants. In general practice allow four weeks from planting until the first pinch, and three weeks for each successive pinch thereafter. All time pinching centers around the last pinching date, which is the recommended pinching date in our Catalog for normal blooming. If you cannot make the pinch on this date, it is better to make the last pinch a few days later than to make it earlier. If your pinching has been timed right, you will have very little trouble with the large Mums developing crown buds, and the spray on the Pompons should be perfect. If for some reason, due to your particular locality, the large Mums develop the crown bud instead of the terminal bud, then pinch a week later than recommended. If the Pompon spray is too open, then pinch one week later, or if it should be too tight, then pinch this particular variety one week earlier the next season. By doing this, you can grow the type of spray your particular market desires.

The last pinching time for cut flowers under controlled blooming procedures is usually about four weeks before shade is applied. For pot plants under these procedures, this pinch is usually made at about the same time or shortly after shade is applied.

SHADING

When using shade on Pompons, the shade must be continued until the whole bed is uniform in color. In the case of large Mums, the shade can be removed as soon as all the buds are selected.

Pot mums the year around can be grown with little effort. To those interested, we will, on request, send complete growing instructions and blooming schedule.

WHAT CAUSES PREMATURE BUDDING OF CHRYSANTHEMUMS DURING THE SPRING MONTHS, AND WHAT TO DO TO PREVENT IT

Bud initiation can occur anytime during the spring months, whenever your temperatures in the greenhouses are consistently 60 degrees Fahrenheit or above, and the days are short enough to initiate bud setting. These conditions can occur anytime up until May 1st depending upon the variety and the locality in which they are being grown. Some varieties such as the garden varieties and early shading varieties require very little short day treatment, coupled with high temperatures to initiate buds. This same tendency to set bud readily is what makes these varieties desirable for early shading and garden work.

In order to prevent this premature setting of buds, these same varieties should be placed where they can be given additional light during the early spring months. Use 60 watt bulbs spaced 4 feet apart and 30 inches above the plants. Use the lights for a period of two hours each night after dark up until May 1st, then discontinue lighting.

New Introductions for 1955

White Pompons, Decoratives, Singles & Anemones

OSTOSA . . . Sept. 25 (De Petris) an intermediate paper white pompon on a semi-dwarf plant. Very free flowering and early. One of the best whites for May and June Pots.

LIMELIGHT . . . Oct. 5 (De Petris) intermediate creamy white solid Pompon. Very productive early out door cut flower.

VESTA . . . Oct. 25 (De Petris) A trim white button Pompon for summer and early fall flowering. Best during the long day period of the year June through August.

CREAM HALO . . . Nov. 1 (Avon Valley) excellent cream colored sport of Halo.

CREAM SHASTA . . . Nov. 10 (Delworth) beautiful color addition to the Shasta Group for year round flowering.

WHITE MEMORIAL . . . Nov. 12 Pure white sport except when grown cold. Fine May to November.

WHITE TAFFETA . . . Nov. 15 (Knouse & Cruden) Pure white sport of Taffeta.

ILLINI STARFLOWER . . . Nov. 18 (Univ-of Ill) Semi-Anemone form. A novelty in white for the retail grower.

SILVERCREST . . . Nov. 25 Small white formal Pompon. Markedly improves the appearance and quality of Snowcrest. Well adapted for flowering Nov. through March.

ILLINI PEACE . . . Nov. 25. (Univ. of Ill) A Productive white Anemone for Thanksgiving.

ORWAY . . . Dec. 8. (De Petris) Large white single. An improvement over Yukon in flower quality and growth habit.

WHITE SNOWDROP . . . Dec. 8. Pure white sport of Snowdrop.

SNOWFLAKE . . . Dec. 10. (De Petris) Intermediate clear white Pompon.

WEDDING BELLS . . . Dec. 20. (De Petris) A small to medium white formal Pompon. Purer white than Snowcrest.

Yellow Pompons, Decoratives, Singles & Anemones

SUNSTONE . . . Oct. 8. (De Petris) A soft yellow spider or spoon type flower. A novel and attractive garden flower and spring pot plant.

SUNDEW . . . Oct. 15. (De Petris) Large yellow decorative. Incurved 4 inch flowers when disbudded.

GOLDFINCH . . . Oct. 25 (De Petris) Small Golden Yellow Button Pompon with excellent flower quality, withstands high temperature well. An outstanding competitor of the variety Sunup for spring summer and fall flowering.

YELLOW SCULPTURE . . . Nov. 15. (Avon Valley) Lemon yellow sport of Sculpture.

MINGO CHIEF . . . Nov. 20. (Brehmer) Bronzy yellow anemone best described as a yellow Yolanda but with a stronger growth habit and heavier production.

ILLINI WAMPUM . . . Nov. 25. (Univ. of Ill.) Beautiful, bright yellow anemone with greenish yellow cushion. Very satisfactory growth and production. A good addition to the winter flowering program.

GOLD MEDAL . . . Dec. 1. Small yellow button pompon for October to April flowering.

— FOR PRICES REFER TO GENERAL LIST —

New Introductions for 1955

Yellow Pompons, Decoratives, Singles & Anemones

(Continued)

YELLOW COTILLION . . . Dec. 5. Lemon yellow sport from Cotillion.

YELLOW SATELLITE . . . Dec. 10. Yellow sport from Satellite.

YELLOW ENCHANTRESS . . . Dec. 5. (Kawachi)
Lemon yellow sport of Enchantress. Responds uniformly to lights and can be used December through February.

GOLDIE . . . Dec. 10. Deep yellow small pompon. Preferred by some over Yellow Showcrest.

Bronze & Red Pompons, Decoratives, Singles & Anemones

ORLOMA . . . Sept. 25. (DePetris) Apricot Red decorative. Compact plant suitable for spring pot plants.

FIREGLEAM . . . Nov. 10 A fiery orange intermediate decorative. An outstandingly brilliant color that holds beautifully. Is fine in pots with partial or no disbudding.

ORSONA . . . Sept. 25. (DePetris) A red bronze decorative with bushy growth habit. A variety for garden and Pot Plant Culture.

BARBARA FULLER . . . Nov. 10 (Fairfield Ghse) A dark coral red anemone. Dwarf compact growth habit. Excellent for flowering as a pot plant in October, November and December.

MME. CADILLAC . . . Oct. 1. Large wine red pompon with exceptional substance. A garden variety with a semi-dwarf compact habit.

RUBAIYAT . . . Nov. 20 Velvet red intermediate formal pompon. Unequaled for October through Christmas flowering. Improves Christmas Greeting in color, form, and production.

REGINA . . . Oct. 5. (DePetris) Large informal apricot bronze decorative. A garden variety.

DARK BRONZE MINUET . . . Nov. 23 A rich deep salmon bronze sport of bronze minuet.

CALUMET . . . Oct. 15. (DePetris) A rawhide bronze pompon similar in color to Mrs. DuPont but of superior flower quality for cut flower purposes. Very fine for the spring crop in the Greenhouse, the earliest cloth house crop and garden.

RED HERITAGE . . . Dec. 1 Salmon red sport from Heritage.

JETFIRE . . . Nov. 5 Intermediate flaming red decorative. A color that holds even in high temperatures. Well adapted for spring and fall pot plants grown either as spray or disbud. Outstanding in the cloth house.

ORANGE GALAXY . . . Dec. 1 A color sport from Galaxy. Color very nearly that of Orange Beau-regard.

— FOR PRICES REFER TO GENERAL LIST —

New Introductions for 1955

Bronze & Red Pompons, Decoratives, Singles & Anemones

(Continued)

RED ENCHANTRESS . . . Dec. 5 (Kawachi) A vivid red sport of Enchantress which will make a valuable addition to the 13 week class. Should be very useful for extending through Christmas and later.

RED MINISTREL . . . Dec. 13 (Delworth) A sport from Bronze Ministrel with a lively red glow added. This color is easier to use than that of Bronze Ministrel. A quality pompon for November and December.

Pink Pompons, Decoratives, Singles & Anemones

SONNY . . . Oct. 1 (DePetris) Small salmon pink button pompon for garden cut flowers.

MIGUEL . . . Oct. 10 Strawberry pink decorative. A garden cut flower variety.

CORONA . . . Oct. 10 (DePetris) Raspberry pink daisy for the garden.

PARISIENNE . . . Nov. 5 (Delworth) Intermediate shell pink single. This variety grows and flowers satisfactorily at all seasons where Shasta is satisfactory (late March to November). The color is as close to true pink as exists in the chrysanthemum. The favorite pink single to rotate with Brocade and a color far better than that of Reward.

CRITERION . . . Nov. 8 Intermediate pink decorative with a vigorous, compact growth habit. A new and valuable year round pot plant variety. Almost the equal of Bonnafon DeLuxe in pink. Also a fine cut flower variety for spring and fall. Best grown disbudded.

HUMDINGER . . . Nov. 10 An intermediate to large formal pompon. Color has been described as a luminous violet purple. A perfectly ideal pot plant type of growth habit. An interesting disbud pot plant for fall, winter and early spring.

ILLINI REGAL . . . Nov. 12 (Univ. of Ill.) A deep magenta pink pompon. An improvement over Illini Redhead.

ILLINI SPRINGTIME . . . Nov. 15 (Univ. of Ill.) Intermediate pink pompon.

DARK PINK MINSTREL . . . Dec. 13 (Delworth) A clear, clean deep mulberry shade of Minstrel. Growth appears to be an improvement over that of the original.

IMP. PINK MINSTREL . . . Dec. 13 (Delworth) From a designer's and retailer's standpoint, this is the best of the Minstrels. Its color resembles that of Pink Dot and it does not deteriorate rapidly with maturity. The shade and tone are both right. Minstrel has form and substance; Imp. Pk. Minstrel has form, substance and color.

LYNDA McLANE . . . Dec. 25 (McClane) A late pink pompon with a growth habit that does not run into blind growth and a color that is highly acceptable. A much needed variety for the late natural crop.

— FOR PRICES REFER TO GENERAL LIST —

New Introductions for 1955

White Standards

SILVER QUEEN . . . Oct. 25 (DePetris) White Fuji mum. Better stem than Rayonante. Important in the spring and fall program.

WHITE MARY GARDEN . . . Nov. 1 White sport from Mary Garden.

MRS. IWATA . . . Nov. 10 (Iwata) Large white incurved sport from Phillip Kay. Particularly useful on the West Coast.

SMITH'S CREAM WHITE . . . Dec. 13 (Schneider) A beautiful smooth cream colored sport from Smith's White. Excellent form and good depth of flower.

Yellow Standards

YELLOW ALBATROSS . . . Nov. 1 (Wong) Lemon yellow sport from Albatross.

YELLOW IVAHHOE . . . Nov. 1 Golden Yellow Sport from Ivanhoe.

Bronze and Red Standards

ANTIQUE . . . Nov. 1 A bronze spider mum for cut flower and pot use.

MRS. EISENHOWER . . . Nov. 18 (DePetris) A vivid golden bronze spider mum with excellent substance and form. Vigorous grower.

DELAWARE . . . Nov. 8. A large sem-incurved reddish bronze standard. An outstanding pot plant for fall, winter and spring. The grown habit and color make this the number one bronze pot mum.

New Garden Variety—Introductions by DePetris

CRYSTAL MAID . . . Sept. 12 Creamy white pompon. Compact growth. Good for spring pots and garden border plantings.

GARDENIA . . . Sept. 25 Large white decorative with creamy white center. Flowers 3½" in diameter, strong stems. Semi dwarf.

ALPENA . . . Sept. 25 Glowing red, large pompon. Bushy, medium dwarf plants.

IRON MOUNTAIN . . . Oct. 1. Deep red pompon changing to reddish rust as the flower matures. For spring pots and border planting.

SPODE . . . Oct. 8 Large Inc. clear yellow. Blooms attain 4" size when disbudded. Compact bushy plant with strong upright stems. Suitable for spring—or fall pots.

NORTHERN QUEEN . . . Oct. 5 Large lavender pink decorative. Medium dwarf, strong stems.

HONEYSWEET . . . Oct. 15 Early large golden yellow incurved. Makes a compact pot plant.

VALIANT . . . Oct. 15 Large light yellow incurved. Good pot plant March to January.

— FOR PRICES REFER TO GENERAL LIST —

White Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>6-Week Varieties</i>				
*Ostosa,	Int. Paperwhite Pompon, Semi-Dwarf Plant		Sept. 25	P-1
Sept. Morn,	Int. Single. Lt. pink quickly shading to white.....		Oct. 1	S-1
White Wonder,	Int. Pompon		Oct. 1	S-1
*Chris. Columbus,	Int. Dec. Cream; short, compact, prolific		Oct. 1	S-3
<i>7-Week Varieties</i>				
Limelight,	Int. creamy white Pompon		Oct. 5	P-1
Avalanche,	Snow White Decorative. Large.....		Oct. 5	S-1
*White Cloud,	Large Decorative		Oct. 5	S-1
*Horizon,	Int. Pompon, whiter and more double than Chris. Columbus		Oct. 5	S-2
*Marshmallow,	Heavily petalled pure white daisy		Oct. 5	P-2
*Maestro,	Int. Pompon, dwarf, compact 18" growth		Oct. 10	S-1
*Renown,	White Daisy		Oct. 10	S-1
*Classic,	Small Semi-Formal Pompon.....		Oct. 10	S-2
*Silverplate,	Int. Decorative		Oct. 12	S-2
<i>8-Week Varieties</i>				
Silver Ball,	Large Pompon	July 10	Oct. 15	S-4
Calif. White Daisy	(Kimoto's White), Int. Single, strong & prod....	July 20	Oct. 15	S-2
Irene,	Small Pompon	July 10	Oct. 15	S-2
Norona,	Medium Pompon, excellent for early shading	July 10	Oct. 15	S-2
Pristine,	Pure White; Int. Pompon	July 10	Oct. 20	S-3
Minong,	Small Pompon	July 10	Oct. 20	S-1
Silvertone,	Int. White Daisy, habit similar to Buckskin	July 15	Oct. 24	P-2
<i>9-Week Varieties</i>				
Popcorn,	Int. Pompon	July 15	Oct. 25	S-3
White Popcorn,	Cream White Sport of Popcorn, most productive ..	July 15	Oct. 25	S-2
Keepsake,	Cream White; Int. Pompon.....	July 15	Oct. 25	S-2
Pinocchio,	Small Pompon.....	July 20	Oct. 25	S-3
Songster,	Int. Pompon, withstands heat well.....	July 15	Oct. 25	S-3
*Granite State,	Large white pompon	July 15	Oct. 25	S-3
Cottontop,	Small Pompon	July 20	Oct. 25	S-3
Shooting Star,	Int. Single, good form, productive.....	July 20	Oct. 25	S-1
Vesta,	White Button Pompon	July 15	Oct. 25	P-1
Arcadia,	Int. Pompon	July 16	Oct. 28	S-2
Silver Cloud,	Int. sgl., heavily petalled.....	July 20	Nov. 1	P-2
Halo,	Ivory White; Int. Single	July 20	Nov. 1	S-3
Cream Halo,	Cream Sport of Halo.....	July 20	Nov. 1	P-1
Sea Gull,	Ivory White; Int. Pompon.....	July 20	Nov. 1	S-3
White Doty,	Large Pompon.....	July 20	Nov. 1	S-3

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

White Pompons, Decoratives, Singles & Anemones

(Continued)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>10-Week Varieties</i>				
Freedom, Int. pure white sgl. Excellent substance.....		July 20	Nov. 5	P-3
Whitetop, Int. pure white Decorative, vigorous growth		July 20	Nov. 5	S-2
*Richard Mandel, Large cream Pompon		July 20	Nov. 5	S-2
Madonna, Int. Pompon, good clean growth.....		July 20	Nov. 5	S-2
Kolowa, Int. Single		July 20	Nov. 5	S-1
Encore, Pure White; Int. Pompon.....		July 20	Nov. 5	S-4
White Anemone, Large Anemone		July 20	Nov. 5	S-2
White Mensa, Large Single.....		July 20	Nov. 5	S-2
Rev. Bushnell, Int. Formal Pompon		July 19	Nov. 8	S-2
Moonglow, Int. Pompon		July 20	Nov. 8	S-2
*Pacesetter, Int. pure white sgl. Excellent form and substance.....		July 20	Nov. 10	P-3
Illini Igloo, Int. Pompon, cream center, exceptional substance		July 20	Nov. 10	S-2
Shasta, Int. Anemone		July 20	Nov. 10	S-4
Cream Shasta, Beautiful Cream Sport of Shasta		July 20	Nov. 10	P-1
Dynamo, Int. Pompon		July 20	Nov. 10	S-2
Vesper, Int. Pompon.....		July 19	Nov. 10	S-2
Nagona (Calif White Mensa), Int. Single.....		July 20	Nov. 10	S-1
*Little America, Pure White; Int. Anemone		July 20	Nov. 10	S-3
*Illini Snowdrift, Novelty — Int. Decorative		July 20	Nov. 12	S-3
Matchless, Int. Pompon		July 22	Nov. 12	S-2
White Memorial, Pure white when grown warm		July 20	Nov. 12	P-1
<i>11-Week Varieties</i>				
White Freida, Anemone White		July 22	Nov. 15	S-4
White Taffeta, Pure white		July 22	Nov. 15	P-1
Sculpture, Ivory White — L. Daisy		July 22	Nov. 15	S-2
White Norma, Large Anemone, sport of Norma		July 22	Nov. 15	S-2
Eskimo, Int. Single, clear white, fine form, excellent substance.....		July 22	Nov. 15	S-1
Snowflurry, Small white button Pompon. Very productive.....		July 28	Nov. 15	S-2
Illini Starflower, White, Semi-Anemone		July 28	Nov. 18	P-1
Seafoam, Int. Pompon		July 28	Nov. 20	S-2
L. I. Beauty, Yellow Cushion; L. Anemone		July 25	Nov. 20	S-3
Highbrow, Ivory White; Int. Dec., uniform growth habit		July 25	Nov. 20	S-3
Nevada, Int. Anemone.....		July 25	Nov. 20	S-2
Priscilla, Int. Pompon		July 25	Nov. 20	S-3
Illini Bountiful, Int. Decorative		July 25	Nov. 23	S-1
Crystal Beauty, Int. Pompon.....		July 28	Nov. 23	S-2
Paramount, Int. Pompon		July 25	Nov. 23	S-3
Belray, Large white Pompon, tall grower		July 25	Nov. 24	S-3
<i>12-Week Varieties</i>				
Silvercrest, Small white formal Pompon		July 28	Nov. 25	P-1
White Yuletide, Int. Pompon		July 28	Nov. 25	S-4
*White Lady, Sport of Beautiful Lady		July 28	Nov. 25	S-1
Illini Peace, White Anemone		July 28	Nov. 25	P-1
White Valencia, Sport of Valencia, large single		Aug. 1	Nov. 28	S-3
Cordova, Cream White; Int. Pompon		July 28	Nov. 30	S-2
Fortune, Int. Formal Pompon		July 28	Dec. 1	S-3
Monarch, Ivory White; L. Decorative, clean vigorous grower.....		July 28	Dec. 1	S-1
Carrara, Int. Pure white Decorative.....		Aug. 10	Dec. 3	S-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

White Pompons, Decoratives, Singles & Anemones

(Continued)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>13-Week Varieties</i>				
White Enchantress,	Large white Anemone	Aug. 10	Dec. 5	P-2
Cameo,	Ivory White; Int. Dec.	Aug. 10	Dec. 5	S-3
Acclaim,	Large Formal Pompon	Aug. 10	Dec. 5	S-2
Swan,	Large Anemone	Aug. 10	Dec. 5	S-1
Spangles,	Small Pompon	Aug. 10	Dec. 5	S-2
Cotillion,	Int. Semi-Formal Pompon, heavily petalled	Aug. 10	Dec. 5	S-2
Orway,	Large white single	Aug. 10	Dec. 8	P-1
Snowdrop,	White Button Pompon	Aug. 10	Dec. 8	S-2
White Snowdrop,	Pure white	Aug. 10	Dec. 8	P-1
Illini Starlet,	Int. Anemone, better form and growth than Garza....	Aug. 10	Dec. 10	P-3
Imp. White Supreme,	Large Anemone	Aug. 10	Dec. 10	S-2
Snow Queen,	Int. Formal Pompon, good substance	Aug. 5	Dec. 10	S-2
Snowflake,	Int. clear White Pompon	Aug. 10	Dec. 10	P-1
Yukon,	Int. Single	Aug. 10	Dec. 10	S-2
Satellite,	Int. Cream White Pompon	Aug. 12	Dec. 13	S-2

14-Week Varieties

Trenton,	White Pompon of good form and substance	Aug. 10	Dec. 15	P-3
Snowcrest,	Green Eye; Small Pompon	Aug. 10	Dec. 15	S-3
Cream Snowcrest,	Cream White Pompon	Aug. 10	Dec. 15	P-3
Silversmith,	Int. Decorative	Aug. 10	Dec. 15	S-4
Snowcap,	Large Formal Pompon	Aug. 5	Dec. 15	S-3
Garza,	Int. Anemone	Aug. 5	Dec. 15	S-3
Heirloom,	Int. Decorative	Aug. 10	Dec. 20	S-2
Wedding Bells,	Small to med White Pompon	Aug. 18	Dec. 20	P-1

15-Week Varieties

Revelation,	Int. Decorative	Aug. 15	Dec. 25	S-4
Muto's White,	Large white Pompon	Aug. 15	Dec. 25	S-4
Snow,	Int. Pompon	Aug. 10	Dec. 25	S-3
Illini Snowbound,	Large informal Dec., cream center	Aug. 15	Jan. 5	S-1
Talmeda,	Int. Pompon, about the latest	Aug. 15	Jan. 5	P-3

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Yellow Pompons, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>6-Week Varieties</i>				
*Ming,	Orange Yellow Garden Pompon		Oct. 1	P-3
*Yel. Chris. Columbus,	Sport of Chris. Columbus		Oct. 1	S-3
*Moonlight,	Int. Pompon. Short compact growth		Oct. 1	P-3
*Honeycomb,	Small Pompon.....		Oct. 1	S-1
<i>7-Week Varieties</i>				
Polaris,	Int. Single. New Artic hybrid		Oct. 5	S-2
Chas. Nye,	Int. Decorative		Oct. 5	S-2
*Garland,	Int. Single, compact vigorous growth, strong substance....		Oct. 5	S-3
Dwight Douglas,	Large Yellow Decorative		Oct. 5	P-1
*Yellow Spoon,	Int. Spoon.....		Oct. 5	S-2
*Sunstone,	Soft Yellow Spider or Spoon Type Flower		Oct. 8	P-1
Lee Powell,	Large golden yel. dec. Vigorous, showy.....		Oct. 10	P-3
*Goldrush,	Small Single, vigorous 3' growth		Oct. 10	S-2
Treasure,	Small Pompon, upright habit, fine for cut.....		Oct. 10	S-1
Bright Forecast,	Small Formal Pompon, excellent for cut		Oct. 10	S-2
*Lemonade,	Ivory Yellow; Int. Dec., outstanding color		Oct. 12	S-2
Sweepstake,	Small Pompon, good substance, good production.....		Oct. 12	S-1
<i>8-Week Varieties</i>				
*Arlora,	Large soft yellow, incurved excellent substance	July 10	Oct. 15	P-2
*Sundew,	Large Yellow Decorative	July 10	Oct. 15	P-0
Yellow Irene,	Small Pompon; Lt. Lemon	July 10	Oct. 15	S-3
Rodell Imp.,	Small Pompon; Lt. Lemon.....	July 10	Oct. 20	S-4
Moondrift,	Int. Ivory Yel. Sgl., excellent growth and production....	July 10	Oct. 20	P-3
<i>9-Week Varieties</i>				
Goldfinch,	Small Golden Yellow Button Pompon	July 12	Oct. 25	P-0
*Ordalia,	Deep golden yel. semi-incurved Dec.	July 20	Oct. 25	P-2
*Starlight,	Large yellow Daisy	July 20	Oct. 25	P-3
Yel. Firebird,	Int. Decorative; Deep Lemon.....	July 20	Oct. 25	S-3
Red Dot,	Int. Pompon; Yellow — Red Center	July 20	Oct. 25	S-3
Golden Herald,	Golden Yellow; L. Dec.....	July 12	Oct. 25	S-4
Gold Coast,	Int. Pompon.....	July 20	Oct. 25	S-4
Yellow Dot,	Int. Pompon.....	July 20	Oct. 25	S-2
Cream Dot,	Int. Pompon, sport of Pink Dot.....	July 15	Oct. 25	S-1
Imamura Yellow,	Int. Yellow Daisy	July 12	Oct. 25	S-1
Aztec,	Int. deep yel. Daisy. Heavy producer	July 20	Oct. 28	P-3
Sunup,	Small Pompon. Good producer.....	July 20	Oct. 28	S-2
Yellow Arcadia,	Sport of Arcadia	July 16	Oct. 28	S-2
Sauterne,	Int. intense yellow. Single.....	July 20	Oct. 30	P-3
Gondola,	Int. yellow Daisy, outstanding form and color	July 20	Oct. 30	P-2
Mary L. Hall,	Deep Yellow; Int. Pompon	July 20	Nov. 1	S-4
Yellow Halo,	Sport of Halo.....	July 20	Nov. 1	S-1
Schn. Yellow Daisy,	Int. Single.....	July 20	Nov. 1	S-3
Yellow Doty,	Buff Yellow; Large Pompon.....	July 15	Nov. 1	S-2
Starbright,	Deep Yellow; L. Single	July 15	Nov. 1	S-3
Yellow Daisy,	Int. Single	July 20	Nov. 1	S-2
Yellow Sea Gull,	Light Yellow; Sport of Sea Gull	July 20	Nov. 1	S-2
Yellow Cassandra,	Sport of Cassandra.....	July 20	Nov. 1	S-1
Mary Gold,	Int. Pompon; Dp. Lemon	July 20	Nov. 1	S-4
*Sunray,	Int. Simple; S. Anemone Center	July 15	Nov. 3	S-3
Honeymoon,	Lge. Yellow Daisy of good form	July 20	Nov. 4	P-2
* Recommended for Pot Culture				

FOR PRICES SEE PAGE 1

Yellow Pompons, Decoratives, Singles & Anemones

(Continued)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>10-Week Varieties</i>				
Barcarole, Int. Pompon.....		July 20	Nov. 5	S-3
Brigadoon, Int. Single, heavily petalled, excellent growth		July 20	Nov. 5	S-2
Crescendo, Large Pompon, tall grower		July 20	Nov. 5	S-3
*Constellation, Int. Decorative		July 20	Nov. 5	S-3
Pixie, Small Pompon.....		July 20	Nov. 5	S-2
Nuggets, Small Pompon		July 20	Nov. 5	S-2
Golden Mensa, Sport of White Mensa		July 15	Nov. 5	S-1
Yellow Shasta, Sport of Shasta.....		July 25	Nov. 10	S-4
Calif. Yel Mensa, Int. Single.....		July 20	Nov. 10	S-1
Illini Goldcup, L. Pompon, Buttercup		July 25	Nov. 10	S-2
*Yellow Beauty, L. Pompon, Golden		July 25	Nov. 10	S-2
<i>11-Week Varieties</i>				
Yellow Sculpture, Lemon Yellow.....		July 25	Nov. 15	P-1
Princeton, Int. Decorative		July 28	Nov. 15	S-2
Thorbred, Large Single, good growth, fine production.....		July 22	Nov. 15	S-1
Golden Chord, Golden Yellow; Int. Pompon		July 22	Nov. 15	S-3
Forty-Niner, Int. Formal Pompon		July 28	Nov. 15	S-4
Yellow Fellow, Int. Decorative		July 28	Nov. 15	S-2
Susanne Miller, Large Anemone		July 28	Nov. 15	S-2
Tacoma, Large Pompon, broad petalled, excellent form		July 28	Nov. 15	P-3
Yellow L. I. Beauty, Sport of L. I. Beauty.....		Aug. 1	Nov. 20	S-2
Yellow Highbrow, Sport of Highbrow		Aug. 1	Nov. 20	S-1
Lollipop, Int. Formal Pompon, round and hard, good production....		Aug. 1	Nov. 20	S-3
Pippin, Int. Pompon, dependable producer		Aug. 1	Nov. 20	S-2
Klondike, Orange Yellow; Int. Pompon		July 28	Nov. 20	S-3
Bojangles, Int. Single, heavy petalled, good producer		July 25	Nov. 20	S-2
Yellow Nevada, Sport of Nevada, Int. Anem.....		July 25	Nov. 20	S-2
Illini Sunspot, Large Pompon		Aug. 1	Nov. 20	P-3
Mingo Chief, Bronzy Yellow Anemone.....		July 29	Nov. 20	P-1
Yellow Rolinda, Int. Anem. — Buff Yellow.....		Aug. 1	Nov. 23	S-4
Yelow Paramount, Deep yel. sport of Paramount, same habits.....		Aug. 1	Nov. 23	P-3
<i>12-Week Varieties</i>				
Sunnyside, Int. Pompon		Aug. 5	Nov. 25	S-3
Champagne, Int. Single		July 28	Nov. 25	S-1
Goldenrod, Int. Pompon, excellent keeper, heavy production		July 28	Nov. 25	S-2
Illini Gold, Deep Golden Yellow Int. Pompon		July 28	Nov. 25	S-2
Goldsmith, Large Decorative		Aug. 5	Nov. 25	S-3
Highlander, Int. Formal Decorative, dependable producer		July 28	Nov. 25	S-2
Illini Wampum, Bright Yel. Anemone, Greenish Yel. Cushion		Aug. 5	Nov. 25	P-1
Yellow Priscilla, Int. Decorative — Lemon		Aug. 5	Nov. 25	S-3
Golden Jane, now named Yellow Valencia		Aug. 5	Nov. 28	S-2
Yellow Valencia, Sport of Valencia, large single		Aug. 5	Nov. 28	S-2
Yellow Cordova, Sport of Cordova, Int. Pompon.....		July 28	Nov. 30	S-2
Yellow Fortune, Deep yellow sport of Fortune same habits.....		July 28	Dec. 1	P-2
Omega, Int. Pompon		Aug. 1	Dec. 1	S-3
Gold Medal, Small Yellow Button Pompon		Aug. 5	Dec. 1	P-1
Yellow Galaxy, Sport of Galaxy, Int. sgl., wide flat petals.....		Aug. 5	Dec. 1	S-1

* Recommended for Pot Culture

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Yellow Pompons, Decoratives, Singles & Anemones

(Continued)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>13-Week Varieties</i>				
Golden Harvest,	Deep Gold; Small Pompon	Aug. 1	Dec. 5	S-1
Brandywine,	Orange Yellow; Int. Dec. excellent growth habit	Aug. 1	Dec. 5	S-1
Jack-Pot,	Golden Yellow; L. Dec.	Aug. 1	Dec. 5	S-2
Yellow Cotillion,	Lemon Yellow	Aug. 8	Dec. 5	P-1
Yellow Acclaim,	Bright yellow sport of Acclaim	Aug. 10	Dec. 5	P-3
Yellow Cameo,	Sport of Cameo	Aug. 1	Dec. 5	S-2
Yellow Spangles,	Sport of Spangles	Aug. 10	Dec. 5	P-3
Cinderella,	Int. Single	Aug. 1	Dec. 5	S-2
Goldtone,	Int. Single, heavily petalled	Aug. 10	Dec. 5	S-1
Yellow Enchantress,	Lemon Yellow, Large Anemone	Aug. 10	Dec. 5	P-1
Imp. Yellow Supreme,	Large Anemone	Aug. 10	Dec. 10	S-2
Yellow Satellite,	Int. Yellow Pompon	Aug. 10	Dec. 10	P-1
Goldie,	Small Deep Yellow Pompon	Aug. 10	Dec. 10	P-1
Challenge,	Int. Single	Aug. 5	Dec. 12	S-1
Corsair,	Lg. Semi-Formal Pompon, outstanding vigor & prod.	Aug. 10	Dec. 12	S-2

14-Week Varieties

Yellow Riviera,	Golden Yellow; Sport of Riviera	Aug. 10	Dec. 15	S-2
Yellow Snowcrest,	Sport of Snowcrest	Aug. 5	Dec. 15	S-2
Yellow Garza,	Sport of Garza	Aug. 5	Dec. 15	S-2
Sequin,	Small Pompon, a late Pixie	Aug. 5	Dec. 15	S-1
Shamrock,	Large Decorative, heavy growth and production	Aug. 5	Dec. 15	S-3
December Gold,	Golden Yellow; Int. Decorative	Aug. 5	Dec. 15	S-2
Sunkist,	Int. Single	Aug. 10	Dec. 20	S-1
Vibrant,	Int. Decorative	Aug. 10	Dec. 20	S-3
Revelry,	Int. Decorative	Aug. 10	Dec. 20	S-2
Gold Seal,	Int. Single	Aug. 10	Dec. 20	P-3
Sunrise,	Int. Pompon, a late Gold Coast	Aug. 10	Dec. 20	S-2
Golden Anniversary,	Small Pompon	Aug. 10	Dec. 25	S-2

15-Week Varieties

Siren,	Int. Decorative	Aug. 15	Dec. 25	S-3
Yuleflame,	Large Decorative	Aug. 15	Dec. 25	S-3
Yellow Snow,	Sport of Snow	Aug. 10	Dec. 25	S-3
Yellow Revelation,	Int. Pompon — Yellow	Aug. 15	Dec. 25	S-4
Illini Yellow Snowbound,	Sport of Illini Snowbound	Aug. 15	Jan. 5	S-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Bronze & Red Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page I
<i>6-Week Varieties</i>				
*Orloma,	Apricot Red Decorative		Sept. 25	P-1
*Orsona,	Red Bronze Decorating		Sept. 25	P-1
*W. P. Snyder,	Coral Bronze; Int. Dec. dwarf, compact prolific.		Oct. 1	S-1
Mme. Cadillac,	Large wine Red Pompon		Oct. 1	P-1
Marionette,	Rust Red; Small Pompon, formal		Oct. 1	S-1
Mogul,	Raspberry Bronze Small Dec.		Oct. 1	P-3
*Bonfire,	Int. Red Pompon		Oct. 1	S-1
<i>7-Week Varieties</i>				
*Remembrance,	Int. Red Pompon		Oct. 5	S-1
Avalon,	Light Bronze; Small Pompon		Oct. 5	P-3
*Mona,	Small Pompon		Oct. 5	S-1
Regina,	Large informal apricot bronze Dec.		Oct. 5	P-1
Huntsman,	Reddish Bronze; Large Dec.		Oct. 5	S-1
Firecracker,	Mahogany Bronze; Int. Dec.		Oct. 5	S-1
*Buckeye,	Int. salmon bronze Pompon. Dwarf, compact		Oct. 8	P-2
Success,	Crimson Dec.		Oct. 8	S-1
Panorama,	Orange Bronze; Small Pompon		Oct. 8	P-3
*Red Velvet,	Velvety Crimson; Int. Dec.		Oct. 10	S-1
*Bamboo,	Buff Bronze; Small Single		Oct. 10	S-1
*Caravan,	Salmon Bronze; Int. Dec.		Oct. 10	S-1
Orpheus,	Roman Red Pompon		Oct. 10	P-1
Carmine Queen,	Carmine Red; Small Pompon		Oct. 10	S-1
Carnival,	Burnt-Orange; Small Pompon		Oct. 10	S-2
Fireside,	Burnt-Orange; Salmon; Int. Dec.		Oct. 10	S-1
Nocturne,	Crimson; Small Pompon		Oct. 12	S-1
Nytoda,	Apricot Buff; Int. Single		Oct. 12	P-3
*Mrs. Du Pont,	Coral Buff; Large Decorative		Oct. 12	S-2
Admiral,	Crimson; Int. Decorative		Oct. 12	S-1
Moonmaid,	Int. salmon bronze pompon		Oct. 14	P-2
<i>8-Week Varieties</i>				
Robinhue,	Red; Int. Decorative	July 5	Oct. 15	S-1
*Red Glow,	Crimson Red; Int. Decorative	July 5	Oct. 15	S-1
Calumet,	Rawhide Bronze Pompon	July 5	Oct. 15	P-1
Rajah,	Scarlet Red; Int. Single	July 15	Oct. 15	S-1
Detroit,	Reddish Bronze; Small Pompon	July 15	Oct. 15	S-1
James Stewart,	Apricot Gold; Small Pompon	July 15	Oct. 15	S-2
Jemima,	Large Pompon, Dk. Bronze	July 15	Oct. 20	S-4
Talisman,	Int. Talisman bronze Daisy	July 15	Oct. 20	P-2
Paradise,	Int. coral red sgl. Tall grower	July 15	Oct. 20	P-2
Palette,	Int. dk. salmon sgl. Heavy petallage, good substance	July 15	Oct. 20	P-2
Adelaide,	Small Pompon, Dk. Bronze	July 15	Oct. 20	S-4
Br. Mary McArthur,	Sport of Mary McArthur, orange bronze	July 15	Oct. 23	S-1
<i>9-Week Varieties</i>				
Gaiety,	Int. coral bronze sgl. Good growth and production	July 20	Oct. 25	P-2
Firebird,	Reddish Bronze; Int. Dec.	July 20	Oct. 25	S-2
Bronze Dot,	Sport of Pink Dot	July 14	Oct. 25	S-3
Buckskin,	Tawny Bronze; Small Single, outstanding production	July 20	Oct. 25	S-3
Bonton,	Int. Pompon — Rosewood	July 20	Oct. 25	S-3
Oct. Bronze,	Int. Single — Rosewood	July 20	Oct. 28	S-3
Hilarity,	Int. golden bronze sgl. Wide petalled small Daisy	July 15	Nov. 1	P-2

* Recommended for Pot Culture

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Bronze & Red Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>9-Week Varieties (Cont'd)</i>				
Seneca, Orange Red; Int. Dec.	July 14	Nov. 1	S-2
Firefly, Orange Red; Int. Pompon, holds color well	July 14	Nov. 1	S-2
Bronze Daisy, Light Bronze; Sport of Yellow Daisy	July 15	Nov. 1	S-2
Imp. Br. Daisy, Sport of Br. Daisy, more vivid	July 15	Nov. 1	S-1
Buccaneer, Orange Apricot; Int. Single. Fine growth & prod.	July 25	Nov. 1	S-2
Red Seneca, Red Sport of Seneca	July 25	Nov. 1	S-2
Br. Buckingham, Sport of Pk. Calif. Daisy	July 20	Nov. 1	S-1
Navaho, Red; Int. Pompon	July 25	Nov. 1	S-2
Red Daisy, Red; Int. Single	July 15	Nov. 1	S-2
Imp. Red Daisy (Adachi Red). Sport of Red Daisy	July 15	Nov. 1	S-2
<i>10-Week Varieties</i>				
*Jetfire, Int. flaming red Dec.	July 19	Nov. 5	P-1
Flame Glow, Int. sgl. golden orange. Fine growth and production	July 25	Nov. 5	P-2
Comanche, Orange Bronze; Int. Pompon	July 19	Nov. 5	S-1
Beauregard, Reddish Orange; Int. Pompon	July 25	Nov. 5	S-3
Orange Beauregard, Lively light orange sport of Beauregard,	July 20	Nov. 5	S-1
Butterscotch, Golden Bronze; Int. Pompon	July 20	Nov. 5	S-2
Cassandra, Orange Bronze; Int. Pompon	July 20	Nov. 5	S-2
Red Rust, Reddish Bronze; Int. Dec.	July 25	Nov. 5	S-2
*Rubicon, Bronze-Red Int. Dec.	July 20	Nov. 5	S-3
Magician, Bronze; L. Pompon	July 20	Nov. 5	S-2
Bittersweet, Bittersweet Red; Int. Single	July 25	Nov. 5	S-2
*Gypsy, Bronze; Small Anemone	July 25	Nov. 8	S-3
Samovar, Reddish Bronze; Int. Pompon	July 20	Nov. 10	S-3
Sylvanna, Reddish Orange; Int. Single	July 19	Nov. 10	S-2
Chanticleer, Reddish Bronze; L. Pompon	July 20	Nov. 10	S-1
Firegleam, Fiery orange Int. Dec.	July 20	Nov. 10	P-1
Chevron, Int. red Pompon, intense color	July 25	Nov. 10	S-2
The Titan, Red; Large Anemone	July 25	Nov. 10	S-1
Bronze Thyra, Sport of Thyra	July 20	Nov. 10	S-1
Bronze Pandora, bright coral bronze	July 20	Nov. 10	P-1
*Barbara Fuller, Dark Coral Red Anemone	July 20	Nov. 10	P-1
*Copperhead, Coppery Bronze; L. Dec.	July 25	Nov. 10	S-3
Br. Linda Lou, Sport of Linda Lou.	July 25	Nov. 10	S-2
Br. Tuxedo, L. Anemone; Sport of Tuxedo	July 19	Nov. 10	S-1
Gold Braid, Yellow Bronze-Red Center; Int. Pompon.	July 20	Nov. 12	S-1
*Br. Masterpiece, Sport of Masterpiece	July 25	Nov. 12	S-2
*Dk. Br. Masterpiece, Sport of Br. Masterpiece	July 20	Nov. 12	S-2
Paragon, Red; L. Pompon, heavy producer	July 25	Nov. 12	S-3
Illini Tangier, Reddish Bronze; L. Decorative	July 25	Nov. 12	P-3
*Red King, Int. red Daisy, Short, compact, good growth and prod.	July 25	Nov. 13	P-3
*Cadet, Int. red Anem. Short compact pot variety	July 25	Nov. 14	P-3
<i>11-Week Varieties</i>				
Mrs. Dewey, Deep Bronze; L. Sgl. Heavy petalled, good keeper	July 28	Nov. 15	S-2
*Shalimar, Orange Bronze; Int. Anemone, short, compact.	July 28	Nov. 15	S-1
Red Princeton, Brazil Red; Sport of Princeton	July 28	Nov. 15	S-2
Illini Honey, Honey Amber; Small Pompon	July 28	Nov. 15	S-1

* Recommended for Pot Culture

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Bronze & Red Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>11-Week Varieties (Cont'd)</i>				
Illini Redhead,	Deep Red; Small Pompon	July 28	Nov. 17	S-1
*Illini Warrior,	Bronzy Orange; Int. Pompon	Aug. 1	Nov. 20	S-2
Legal Tender,	Bronze & Gold — Int. Dec.	Aug. 1	Nov. 20	S-2
Rusticon,	Rust Red; Int. Pompon	July 25	Nov. 20	S-3
*Thelma,	Orange Scarlet; Int. Pompon, brilliant color	Aug. 1	Nov. 20	S-2
Rubaiyat,	Velvety Red Int. Formal Pompon	July 29	Nov. 20	P-1
Bourbon,	Rust Bronze; Int. Single	July 25	Nov. 20	S-1
Carousel,	Coral Bronze; Int. Single	July 25	Nov. 23	S-1
*Festival,	Apricot Red; Int. Single	July 25	Nov. 23	S-2
Br. Minuet,	Sport of Minuet	July 28	Nov. 23	S-2
Dk. Bronze Minuet,	Deep salmon bronze	July 28	Nov. 23	P-1
*Red Rolinda,	Red; Int. Anemone	July 25	Nov. 23	S-2
<i>12-Week Varieties</i>				
Illini Redwood,	Int. Red Pompon, hard and durable	Aug. 1	Nov. 25	P-3
Br. Goldsmith,	Orange; Large Dec.	Aug. 1	Nov. 25	S-3
Wanakah,	Sport of Hasegawa Pink; Coral salmon	July 28	Nov. 25	P-3
Falcon,	Reddish Bronze; Int. Pompon, improved Rusticon	July 28	Nov. 25	S-2
Yolanda,	Dk. Orange Bronze; Int. Anemone, high production	Aug. 1	Nov. 25	S-1
Indian Head,	Reddish Apricot; Int. Single	July 28	Nov. 28	S-2
Apricot Valencia,	Sport of Valencia	Aug. 1	Nov. 28	S-2
Crimson Valencia,	Sport of Valencia	July 28	Nov. 28	S-2
Amberina,	Orange Bronze; Int. Dec.	Aug. 1	Dec. 1	S-1
Red Heritage,	Salmon Red sport of Heritage	Aug. 5	Dec. 1	P-1
Galaxy,	Orange Scarlet; Int. Single	Aug. 1	Dec. 1	S-3
Orange Galaxy,	Orange Colored sport of Galaxy	Aug. 1	Dec. 1	P-1
<i>13-Week Varieties</i>				
Red Enchantress,	Large Crimson Red Anemone	Aug. 10	Dec. 5	P-1
Dazzler,	Coppery Bronze; Partial Anemone. Strong grower	Aug. 1	Dec. 5	S-1
Br. Enchantress,	Sport of Enchantress	Aug. 5	Dec. 5	S-1
Debonair,	Crimson Red; L. Pompon	Aug. 10	Dec. 5	S-2
Mahogany Viking,	Mahogany Bronze; Int. Dec.	Aug. 1	Dec. 5	S-1
Red Supreme,	Sport of Dk. Pk. Supreme, large Anem.	Aug. 5	Dec. 10	S-1
Harlequin,	Crimson Red; Int. Decorative	Aug. 5	Dec. 10	S-1
Holiday,	Crimson Red; Int. Single	Aug. 5	Dec. 10	S-2
Cavalcade,	Mandarin Red; Int. Pompon	Aug. 1	Dec. 10	S-1
Pageantry,	Red; Int. Pompon	Aug. 4	Dec. 10	S-1
Imp. Bronze Supreme,	L. Anem. — Buff Apricot	Aug. 10	Dec. 10	S-1
Christmas Star,	Scarlet Red; Int. Single	Aug. 10	Dec. 12	S-3
Br. Minstrel,	Coral Sport of Minstrel	Aug. 5	Dec. 13	S-2
Dk. Br. Minstrel,	Reddish Bronze Sport of Minstrel	Aug. 5	Dec. 13	S-1
Red Minstrel,	Red Sport of Br. Minstrel	Aug. 5	Dec. 13	P-1
<i>14-Week Varieties</i>				
Bronze Riviera,	Sport of Riviera, Int. Dec.	Aug. 5	Dec. 15	S-2
*Claret,	Brilliant Red; Int. Single. Short, stocky growth	Aug. 5	Dec. 15	S-1
Topaz,	Orange Bronze; Int. Single. Heavy petalled, strong	Aug. 15	Dec. 15	S-1
Christmas Greeting,	Crimson Scarlet; Int. Dec. Good production	Aug. 15	Dec. 15	S-3
Sarong,	Crimson; Int. Single	Aug. 5	Dec. 15	S-2
Merrymaker,	Scarlet Red; Int. Single	Aug. 15	Dec. 20	S-3
Poinsettia,	Scarlet Red; L. Single	Aug. 15	Dec. 20	S-2

* Recommended for Pot Culture

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Pink Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>6-Week Varieties</i>				
Orchid Helen,	Small Light Lav. Dec.		Sept. 25	S-1
Early Wonder,	Lavender, Int. Pompon		Oct. 1	S-1
Sonny,	Small Salmon Pink Button Pompon		Oct. 1	P-0
*Spellbound,	Int. Decorative		Oct. 1	S-3
Alex Cummings,	Large Salmon Pink Dec.		Oct. 3	P-2
<i>7-Week Varieties</i>				
*Petrisian Mauve,	New DePetris hybrid for garden and Spring pot plants.		Oct. 5	P-1
*Petrisian Pink,	New DePetris hybrid for garden and Spring pot plants.		Oct. 5	P-1
*Petrisian Rose,	New DePetris hybrid for garden and Spring pot plants.		Oct. 5	P-1
Miguel,	Strawberry Pink Dec.		Oct. 10	P-1
*Courtier,	Lavender Pink Decorative. Garden type, compact		Oct. 10	S-1
*Dream Girl,	Int. Pompon		Oct. 10	S-1
*Ponca,	Dk. Lavender, Small Decorative, compact, profic		Oct. 10	S-1
Corona,	Raspberry Pink Daisy		Oct. 10	P-1
*Lassie,	Dk. Pk.; Int. Decorative		Oct. 10	S-1
*Serenade,	Magenta Pink; Int. Sgl. Strong 3' stems, fine for cut.		Oct. 10	S-1
*Orchid Spoon,	Int. Spoon		Oct. 10	S-1
*Joybringer,	Salmon Rose; Int. Dec.		Oct. 10	S-2
Brigadier,	Salmon Rose; Int. Decorative		Oct. 10	S-1
Sweetheart,	Light Lavender; Int. Sgl. Fine cut flower, 3' stems.		Oct. 10	S-1
Allegro,	Small Decorative		Oct. 12	S-1
*Masquerade,	Small Pompon		Oct. 12	S-1
Ronie,	Dk. Lavender; Small Pompon		Oct. 12	S-1
Lavender Lady,	Lt. Lav.; Lg. Dec.		Oct. 12	S-1
*Sonnet,	Int. salmon pink Pom. Stocky, compact		Oct. 14	P-2
Betty,	Int. Lt. Salmon pink Dec.		Oct. 14	S-1
<i>8-Week Varieties</i>				
*Fairyland;	Lively pink int. Dec. Improves Carolyn Yosick	July 15	Oct. 15	P-2
Mayfair,	Int. pink sgl. Growth and production surpasses Reward.	July 15	Oct. 15	P-3
Jester,	Int. dk. orchid sgl. Free vigorous growth	July 15	Oct. 15	P-2
*Citation,	Int. pink Pompon. Dwarf, compact. Pot plant disbud.	July 15	Oct. 15	P-2
Enterprise,	Amaranthe, Int. Pompon.	July 15	Oct. 15	P-3
Eliz. Hood,	Lavender; Large Pompon	July 15	Oct. 15	P-3
*Jewell,	Lavender; Small Pompon	July 15	Oct. 15	S-2
Tsukushi Pink,	Int. Light Pink Single	July 8	Oct. 20	S-1
Mirth,	Int. Lt. pink sgl. Larger than Reward	July 15	Oct. 20	P-2
Carolyn Yosick,	Lavender; Small Decorative	July 15	Oct. 20	S-3
Mary McArthur,	Small Pompon	July 14	Oct. 23	S-2
Capt. Cook,	Int. Pompon; Deep Rose	July 15	Oct. 23	S-4
Prelude,	Int. coral pink sgl. Beautiful pastel	July 15	Oct. 24	P-2
<i>9-Week Varieties</i>				
Pinkette,	Int. pink Pompon	July 12	Oct. 25	P-3
Vogue,	Lge. pink sgl. Beautiful form and substance	July 12	Oct. 25	P-2
*Reward,	Int. Single	July 20	Oct. 25	S-3

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Pink Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>9-Week Varieties (Cont'd)</i>				
Pink Dot, Int. Pompon	July 14	Oct. 25	S-4
Jessie, Lavender; Int. Pompon	July 20	Oct. 25	S-2
Betty Rose, Lavender; L. Anemone	July 15	Oct. 25	S-1
Oct. Pink, Int. Single	July 20	Oct. 25	S-2
*Bluechip, Int. pink Dec. Vigorous growth, heavy production	July 20	Nov. 1	S-1
Pk. Calif. Daisy (W. H. Buckingham). Int. Single	July 20	Nov. 1	S-2
Rainbow, Coral Pink; Int. Single	July 20	Nov. 1	S-1
Ballerina, Int. Single	July 15	Nov. 1	S-2
Lillian Doty, Rose Pink; L. Pompon	July 20	Nov. 1	S-2
Lotus, Int. pink Pompon. Mary McArthur growth	July 17	Nov. 3	P-2
Tempo, Int. deep pink Dec. Rigid stem, strong flower	July 17	Nov. 3	P-2
<i>10-Week Varieties</i>				
Parisienne, Int. Shell Pink Single	July 19	Nov. 5	P-1
Dreamboat, Lavender Pink; Int. Pompon	July 22	Nov. 5	S-2
*Portrait, Large Pink Pompon	July 21	Nov. 8	S-2
Dark Bulkeley, Int. Formal Pompon	July 19	Nov. 8	S-2
*Criterion, Int. Pink Dec.	July 21	Nov. 8	P-1
Pennant, Int. pink Dec. A dark pink Masterpiece	July 21	Nov. 10	P-3
*Cover Girl, Lt. pink Anem. with salmon pink cushion	July 21	Nov. 10	P-2
Nobility, Int. Lt. pink sgl. Flat form, medium to tall	July 21	Nov. 10	P-2
Pandora, Luminous Pink; L. Dec. Vigorous growth	July 20	Nov. 10	S-2
*Thyra, Int. Formal Pompon	July 20	Nov. 10	S-2
Soprano, Large Single	July 19	Nov. 10	S-2
Linda Lou, Int. Anemone	July 19	Nov. 10	S-3
Dark Linda Lou, Sport of Linda Lou	July 25	Nov. 10	S-2
Tuxedo, Large Anemone	July 19	Nov. 10	S-1
*Humdinger, Int. to large violet purple formal Pompon	July 21	Nov. 10	P-1
*Queen of Pinks, L. Pompon; Lavender Rose	July 25	Nov. 10	S-4
Miss Clarinda, Int. Pompon; Light Lavender	July 25	Nov. 10	S-2
*Masterpiece, Int. Pompon	July 25	Nov. 12	S-3
*Rose Masterpiece, Rose Pk. Sport of Masterpiece	July 20	Nov. 12	S-2
Salmon Masterpiece, Salmon Pk. Sport of Masterpiece	July 20	Nov. 12	S-2
Memorial, Int. Anemone	July 25	Nov. 12	S-2
Illini Regal, Deep Magenta Pink Pompon	July 25	Nov. 12	P-1
<i>11-Week Varieties</i>				
Taffeta, Int. Dec. Two tone Pink	July 25	Nov. 15	S-3
Carole, Lt. pink Anem. with salmon pink cushion	Nov. 15	P-2
Arbutus, Small Shrimp Pink Pompon	July 25	Nov. 15	S-1
Dark Norma, Deep Lavender; L. Anemone	July 25	Nov. 15	S-2
Orchid Beauty, Golden Cushion; Int. Anemone	July 25	Nov. 15	S-1
Brocade, Shell Pink; Int. Single	July 22	Nov. 15	S-2
Illini Springtime, Int. Pink Pompon	July 25	Nov. 15	P-1
Freida, L. Anem.; Lt. Lavender	July 25	Nov. 15	S-2
*Polka, Int. Pink Anem. Compact growth, excellent pot plant	July 29	Nov. 20	P-2
Nugano, Int. Pompon. Excellent growth and production	July 29	Nov. 20	P-2
Grand Slam, Silvery Shell Pk., L. Single	July 28	Nov. 20	S-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Pink Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>11-Week Varieties (Cont'd)</i>				
Almega,	Lavender Pink; Large Pompon	July 29	Nov. 20	S-2
Vivacious Lady,	Spoon Type Novelty	July 25	Nov. 20	S-1
Pink L. I. Beauty,	Lt. Pk. Sport of L. I. Beauty. Large Anemone	July 28	Nov. 20	S-2
Pinky,	Int. Decorative	July 25	Nov. 20	S-1
Dk. L. I. Beauty,	Imp. Pink L. I. Beauty	July 28	Nov. 20	S-1
Majorette,	Int. Anemone	July 28	Nov. 20	S-1
Dk. Pink Majorette,	Dark sport of Majorette. Lively, intense	July 28	Nov. 20	P-2
Minuet,	Int. Pompon	Aug. 1	Nov. 23	S-3
Dk. Pink Minuet,	Deep Pink Int. Pompon	Aug. 1	Nov. 23	P-1
*Illini Formal,	Int. Rose Pink Pompon	Aug. 1	Nov. 23	P-3
<i>12-Week Varieties</i>				
Pink Cloud,	Lt. pink Dec. Fine form and substance	Aug. 2	Nov. 25	P-2
Princess,	Small Pompon	July 28	Nov. 25	S-2
Hasegawa Pink,	Lavender; Int. Single	July 28	Nov. 25	S-2
*Beautiful Lady,	Lavender; L. Anemone	Aug. 1	Nov. 25	S-3
Valencia,	Orchid Pk.; Large Single	Aug. 1	Nov. 28	S-2
Dark Valencia,	Sport of Valencia	Aug. 1	Nov. 28	S-3
Dubonnet Valencia,	Deep Orchid; Sport of Valencia	Aug. 1	Nov. 28	P-3
Orchid Valencia,	Orchid; Sport of Valencia	Aug. 1	Nov. 28	S-1
Salmon Valencia,	Salmon Pink; Sport of Valencia	Aug. 1	Nov. 28	S-2
Heritage,	Dk. Pink; L. Formal Pompon. Vigorous, good prod.	Aug. 5	Dec. 1	S-2
<i>13-Week Varieties</i>				
Enchantress,	Large Anemone	Aug. 5	Dec. 5	S-2
Dark Enchantress,	Deep Pink; Sport of Enchantress	Aug. 1	Dec. 5	S-2
Argyle,	Small pink Pompon. Hard flower, outstanding	Aug. 10	Dec. 10	P-2
Debutante,	Large Single, Lavender	Aug. 5	Dec. 10	S-3
Dk. Pk. Supreme,	Lavender; L. Anemone	Aug. 10	Dec. 10	S-2
Ruffled Supreme,		Aug. 10	Dec. 10	S-2
Imp. Dk. Supreme,	Sport of Dk. Pk. Supreme, larger flatter flower.	Aug. 10	Dec. 10	S-2
Minstrel,	Int. Formal Pompon, Lavender	Aug. 7	Dec. 13	S-3
Dk. Pink Minstrel,	Deep Mulberry Shade	Aug. 7	Dec. 13	P-1
Lt. Pk. Minstrel,	Sport of Minstrel, Shell Pink	Aug. 7	Dec. 13	S-1
Imp. Pink Minstrel,	Color Resembles Pink Dot.	Aug. 7	Dec. 13	P-1
<i>14-Week Varieties</i>				
Dk. Riviera,	Deep Lavender — Int. Dec.	Aug. 10	Dec. 15	S-4
Riviera,	Luminous Pink; Int. Dec.	Aug. 5	Dec. 15	S-3
Serrated Riviera,	Sport of Riviera	Aug. 10	Dec. 15	P-3
Coronet,	Dark Pink; Int. Single	Aug. 5	Dec. 15	S-1
Pk. Treas. Island,	Lt. Lavender — Int. Dec.	Aug. 15	Dec. 20	S-4
Rosalind,	Int. Single, Lavender	Aug. 10	Dec. 20	S-2
Defiance,	Int. Decorative	Aug. 15	Dec. 20	S-2
Medallion,	Int. Pompon, Lavender Rose	Aug. 15	Dec. 20	S-2
Rose Medallion,	Sport of Medallion	Aug. 15	Dec. 20	S-1
Lynda McLane,	Pink Pompon	Aug. 20	Dec. 25	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

White Standards

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>8-Week Varieties</i>				
Silver Sheen, Int. Incurved	July 10	Oct. 20	S-3
White Chief, Int. Incurved	July 10	Oct. 20	S-2
*Christina, Small Incurved	July 12	Oct. 23	S-2
<i>9-Week Varieties</i>				
Silver Queen, White Fuji mum	July 15	Oct. 25	P-1
*Granite State, Small Semi-Incurved	July 15	Oct. 25	S-3
Ambassador, Cream White; Int. Semi-Incurved	July 15	Oct. 25	S-2
Nightingale, Spider type, chartreuse center	July 20	Dec. 25	S-2
*Queen's Lace, Spider	July 15	Nov. 1	S-3
Kay Tashima, Spider	July 20	Nov. 1	S-1
Wilson's White, Int. Incurved, outst'g. white standard pot mum	July 15	Nov. 1	S-2
Albatross, Pure White; Int. Incurved	July 15	Nov. 1	S-4
Snow White, White; Large Incurved	July 20	Nov. 1	S-4
White Mary Garden, White Sport from Mary Garden	July 20	Nov. 1	P-1
<i>10-Week Varieties</i>				
Betsy Ross, Ivory White; L. Incurved	July 20	Nov. 5	S-3
Giant Betsy Ross, Sport of Betsy Ross	July 20	Nov. 5	S-4
White Rayonnante, Spider	July 20	Nov. 5	S-2
*Indianapolis White, Int. Incurved	July 20	Nov. 5	S-4
*Richard Mandel, Small Incurved	July 20	Nov. 5	S-2
Jean Elizabeth, L. Semi-Incurved	July 25	Nov. 10	S-3
White Fern Edwards, Med. Incurved	July 25	Nov. 10	S-3
Crystal Queen, Imp. Jean Elizabeth, Sport of Orchid Queen	July 25	Nov. 10	S-2
Kegon's White, Spider	July 25	Nov. 10	S-3
White Pockett, Large Incurved	July 20	Nov. 10	S-2
Mrs. Iwata, Med. Incurved	July 25	Nov. 10	P-1
Monument, Ivory White; Int. Incurved	July 25	Nov. 10	S-3
<i>11-Week Varieties</i>				
Sterling, Large Incurved	July 22	Nov. 15	S-2
Marketeer, Int. Semi-Incurved	July 28	Nov. 18	S-3
Mefo, Ivory White; L. Incurved	July 28	Nov. 20	S-4
Cream Mefo, Cream Sport from Mefo	July 28	Nov. 20	S-2
White Frick, Int. Incurved	July 28	Nov. 20	S-2
Indiana Market, Int. Incurved	July 28	Nov. 20	S-1
White Peter John, Med. Reflexed	July 28	Nov. 23	S-3
<i>12-Week Varieties</i>				
Chattanooga, Large Incurved	Aug. 1	Nov. 25	S-3
December Glory, Ivory White; Int. Incurved	Aug. 5	Dec. 1	S-4
Margaret Moeller, Int. Incurved	July 30	Dec. 3	S-3
<i>13-Week Varieties</i>				
December White, Int. Incurved	Aug. 1	Dec. 5	S-2
White Mistletoe, Int. Incurved	Aug. 5	Dec. 5	S-2
Snowline, Large Incurved, showy	Aug. 5	Dec. 10	S-2
Smith's White, Int. Semi-Incurved	Aug. 10	Dec. 13	S-4
Smith's Cream White, Cream Colored, Int. Semi Inc.	Aug. 10	Dec. 13	P-1

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Yellow Standards

VARIETY	DESCRIPTION	8-Week Varieties	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Honeysweet,	Large Inc. Golden Yellow	.....	July 15	Oct. 15	P-0
*Gold Lode,	Int. Reflexed	.....	July 10	Oct. 15	S-2
Valiant,	Large Inc. Light Golden Yellow	.....	July 15	Oct. 15	P-0
Celestra,	Small, Semi-Incurved	.....	July 10	Oct. 15	S-2
Harvest Golden,	Golden; Int. Incurved	.....	July 10	Oct. 15	S-1
Mrs. Kidder,	Int. Incurved	.....	July 10	Oct. 20	S-3
*Butterball,	Int. Incurved	.....	July 10	Oct. 20	S-2
*Blazing Gold,	Golden Yellow; Int. Semi-Incurved	.....	July 15	Oct. 23	S-4
9-Week Varieties					
Smith's Superlative,	Golden Yellow; Int. Semi-Incurved	.....	July 15	Oct. 25	S-1
Moribana,	Spider	.....	July 15	Oct. 25	P-3
Yellow Ambassador,	Sport of Ambassador	.....	July 15	Oct. 25	S-2
Luyona,	Large Yellow Spider	.....	July 15	Oct. 25	P-1
Sunglow,	Golden Yellow; Int. Incurved	.....	July 15	Oct. 25	S-2
Golden Glory,	Golden Yellow; Int. Incurved	.....	July 16	Nov. 1	S-2
*Yellow Lace,	Sport of Queen's Lace	.....	July 15	Nov. 1	S-3
*Gold Lace,	Imp. Yellow Lace	.....	July 15	Nov. 1	S-1
*Hooked Yellow Lace,	Yellow Lace with Hooked Petals	.....	July 15	Nov. 1	S-1
Good News,	Int. Incurved	.....	July 16	Nov. 1	S-4
Yellow Ivanhoe,	Small Incurved. Golden Yellow	.....	July 15	Nov. 1	P-1
Yellow Albatross,	Large Inc. Light Lemon Yellow	.....	July 20	Nov. 1	P-1
10-Week Varieties					
*Imp. Ind. Yellow,	Selection of Ind. Yellow	.....	July 20	Nov. 5	S-4
*Ind. Yellow,	Int. Incurved	.....	July 20	Nov. 5	S-4
*Dk. Ind. Yellow,	Slightly shorter than Ind. Yellow	.....	July 20	Nov. 5	S-4
Yellow Rayonnante,	Spider, Yellow Sport of Rayonnante	.....	July 20	Nov. 5	S-2
Yellow Curly Spider,	Clear Yellow	.....	July 20	Nov. 5	S-1
Sue Sally Jones,	Lemon; Spider	.....	July 20	Nov. 5	S-4
Yellow Queen,	Sport of Orchid Queen	.....	July 20	Nov. 10	S-3
Jamboree,	Golden Yellow; Int. Incurved	.....	July 20	Nov. 10	S-1
Yellow Beauty,	Small Incurved	.....	July 25	Nov. 10	S-2
Yellow Pockett,	Large Incurved	.....	July 20	Nov. 10	S-2
Yellow Monument,	Sport of Monument	.....	July 20	Nov. 10	S-3
Honey Dew,	Int. Incurved	.....	July 22	Nov. 12	S-1
11-Week Varieties					
Lorraine,	Spider	.....	July 22	Nov. 15	S-1
Yellow Marketeer,	Sport of Marketeer	.....	July 25	Nov. 18	S-1
*Bonnaffon DeLuxe,	Small Incurved, excellent pot variety	.....	July 25	Nov. 20	S-4
Friendly Rival,	Int. Incurved	.....	July 25	Nov. 20	S-3
Yellow Mefo,	Sport of Mefo	.....	July 25	Nov. 20	S-4
Purdue,	Int. Incurved	.....	July 25	Nov. 20	S-1
Harvester,	Int. Incurved	.....	July 28	Nov. 23	S-3
Marie DePetris,	Golden Yellow; Int. Incurved	.....	July 28	Nov. 23	S-3
Yellow Peter John,	Med. Ref. Lemon Yellow	.....	July 28	Nov. 23	S-3
12-Week Varieties					
Yellow Chattanooga,	Sport of Chattanooga	.....	July 28	Nov. 25	S-3
Dk. Yellow Chattanooga,	Deep yellow sport of Chattanooga	.....	July 28	Nov. 25	S-1
Golden Pearson,	Int. Incurved	.....	July 28	Nov. 25	S-3
Mrs. Calkins,	Golden Yellow; Int. Semi-Incurved	.....	July 28	Nov. 25	S-1
Sungold,	Int. Incurved	.....	July 28	Nov. 25	S-3
Golden Mrs. Ross,	Golden Yellow; L. Incurved	.....	July 30	Dec. 3	S-3
Yellow Moeller,	Sport of Margaret Moeller	.....	July 30	Dec. 3	S-2
13-Week Varieties					
Golden Mistletoe,	Int. Incurved	.....	Aug. 1	Dec. 5	S-1
Chalice,	Int. Incurved	.....	Aug. 1	Dec. 5	S-1
Tobin's Yellow,	Int. Semi-Incurved	.....	Aug. 5	Dec. 13	S-3
Meteore,	Int. Semi-Incurved	.....	Aug. 5	Dec. 13	S-3
Dauntless,	Golden Yellow; Semi-Incurved	.....	Aug. 5	Dec. 13	S-2

Bronze & Red Standards

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page I
<i>8-Week Varieties</i>				
Amber Bright, Int. Incurved	July 15	Oct. 15	S-1
Mayford's Triumph, Dk. Amber; Int. Incurved	July 15	Oct. 15	S-1
<i>9-Week Varieties</i>				
*Dalwin, Light Bronze Spider	July 15	Oct. 25	P-3
Hilda Bergen, Int. Incurved	July 15	Oct. 25	S-2
Glitters, Reddish Orange; Int. Reflexed	July 15	Oct. 28	S-1
Red Glitters, Sport of Glitters	July 15	Oct. 28	S-1
*Antique, Bronze Spider	July 15	Nov. 1	P-1
Ivanhoe, Reddish Bronze; Small Incurved	July 15	Nov. 1	S-2
*Apricot Queen, Orange Bronze; Int. Incurved	July 15	Nov. 1	S-2
Detroit News, Reddish Bronze; Int. Incurved	July 15	Nov. 1	S-4
*Royal Bronze, Orange Bronze; Small Incurved	July 15	Nov. 1	S-2
<i>10-Week Varieties</i>				
Waikiki, Apricot Bronze; Spider	July 20	Nov. 5	S-1
Gena Harwood, Buff Bronze Spider	July 20	Nov. 5	S-2
Nomago, Bronze Spider	July 20	Nov. 5	S-2
Mamaru, Buff Bronze Spider	July 20	Nov. 5	S-1
*Ind. Bronze, Int. Incurved	July 20	Nov. 5	S-4
Ind. Golden Bronze, Quilled;	July 20	Nov. 5	S-1
Dk. Ind. Bronze, Sport of Ind. Bronze	July 20	Nov. 5	S-2
*Delaware, Large Semi-Inc. Yellowish Bronze	July 20	Nov. 8	P-1
Anaconda, Coppery Red; Large Incurved	July 20	Nov. 8	S-2
Oakdale, Buff Bronze; Int. Incurved	July 20	Nov. 10	S-1
Br. Orchid Queen, Sport of Orchid Queen	July 20	Nov. 10	S-2
*Mrs. Stahelin, Reddish Bronze; Int. Incurved	July 20	Nov. 10	S-2
Mrs. Roy, Red; Int. Incurved	July 22	Nov. 13	S-3
*Garnet King, Deep Red; Int. Reflexed	July 22	Nov. 13	S-2
<i>11-Week Varieties</i>				
Mrs. Eisenhower, Golden Bronze Spider	July 27	Nov. 18	P-1
*Br. Frick, Sport of Helen Frick	July 25	Nov. 20	S-2
Bronze Peter John, Med Ref. Rosewood	Aug. 1	Nov. 23	S-3
<i>12-Week Varieties</i>				
Gladys Pearson, Buff Bronze; Int. Incurved	July 25	Nov. 25	S-3
Oak Leaf, Deep Bronze; Int. Incurved	July 25	Nov. 25	S-3
Muto's Crimson, Red; Int. Semi-Incurved	July 28	Dec. 1	S-2
<i>13-Week Varieties</i>				
Bronze Mistletoe, Int. Incurved	Aug. 1	Dec. 5	S-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE I

Pink Standards

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<i>8-Week Varieties</i>				
Pink Chief,	Lavender; Int. Incurved	July 10	Oct. 15	S-3
*Major Bowes,	Deep Lavender, Int. Incurved	July 12	Oct. 15	S-1
<i>9-Week Varieties</i>				
Surgarplum,	Int. Incurved	July 15	Nov. 1	S-1
Mrs. Walker,	Deep Lavender; Spider	July 15	Nov. 1	S-1
Mary Garden,	Spider, light Lavender	July 15	Nov. 1	S-2
Bunbu,	Lavender Spider	July 20	Nov. 1	S-2
<i>10-Week Varieties</i>				
*J. W. Prince,	Lavender; Int. Incurved	July 20	Nov. 5	S-2
Rayonnante,	Spider	July 20	Nov. 5	S-2
*Ind. Pink,	Int. Incurved	July 20	Nov. 5	S-4
Orchid Queen,	Orchid Pink; Semi-Incurved	July 20	Nov. 10	S-2
Lavender Queen,	Sport of Orchid Queen	July 20	Nov. 10	S-2
Dk. Orchid Queen,	Deep Pk. Sport of Orchid Queen	July 20	Nov. 10	S-3
*Peggy Hoover,	Spider	July 20	Nov. 10	S-1
*Queen of Pinks,	Small Incurved	July 20	Nov. 10	S-4
Pink Pockett,	Large Incurved	July 20	Nov. 10	S-2
Phillip Kay,	Large Incurved Lavender	July 22	Nov. 10	S-3
Pink Fern Edwards,	Large Incurved Lavender	July 22	Nov. 10	S-3
<i>11-Week Varieties</i>				
Aristocrat,	Large Incurved, Deep Lavender	July 25	Nov. 20	S-2
Rose Delight,	Deep Rose — Int. Incurved	July 28	Nov. 20	S-2
Helen Frick,	Rose Pink; Int. Incurved	July 22	Nov. 20	S-3
*Thanks. Pink,	Deep Pink; Int. Reflexed	July 25	Nov. 23	S-3
Ed. Seidewitz,	Lavender; Int. Incurved	July 25	Nov. 23	S-2
Dark Peter John,	Med. Reflexed Amaranth	July 28	Nov. 23	S-3
Light Peter John,	Med. Reflexed Lavender	July 28	Nov. 23	S-3
<i>13-Week Varieties</i>				
Pink Mistletoe,	Int. Incurved	Aug. 1	Dec. 5	S-2

* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

Garden Varieties

SYMBOLS — (L) Large — (D) Decorative — (P) Pom — (C) Cushion — (S) Single — (B) Button — (C-F) Carnation Flowered

* Recommended for Mother's Day Pot Plants Pinched and Short Day Treatment Same Day

D Varieties Recommended as Better When Disbudded

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
WHITE					
Osage	(D)	White	Med.	Sept. 5	N-2
Candlelight	(D)	Ivory	Med.	Sept. 5	S-4
D. D. Ahrens	(D)	White	Tall	Sept. 10	S-4
Paper White	(D)	White	Med.	Sept. 10	S-1
*Crystal Maid	(D)	Cream	Short	Sept. 12	P-0
*Chris. Columbus	(LD)	Cream	Tall	Sept. 15	S-3
White Cushion	(C)	White	Short	Sept. 15	S-4
*Calcite	(D)	Cream	Med.	Sept. 15	S-4
*Martens White	(LD)	White	Med.	Sept. 15	P-3
Powder Puff (cushion)	(D)	White	Short	Sept. 15	S-1
Polar Ice	(LD)	White	Med.	Sept. 15	S-2
*White Bounty	(B)	White	Tall	Sept. 15	S-2
D White Tower	(LP)	Cream	Tall	Sept. 15	S-3
*Snowspoon	(Spoon)	White	Med.	Sept. 18	P-0
White Wonder	(LP)	Ivory	Med.	Sept. 25	S-1
*Shalimar (Hardy)	(LP)	Cream	Tall	Sept. 25	S-1
*Ostosa	(P)	White	Short	Sept. 25	P-1
White Cloud	(D)	White	Tall	Sept. 25	S-1
*Pepita	(B)	White	Med.	Sept. 28	S-2
Gardenia	(L.D.)	White	Med.	Oct. 1	P-0
Snow Fall	(D)	White	Med.	Oct. 1	S-2
Ermine	(D)	Ivory	Med.	Oct. 1	S-2
*Marshmallow	(M.S.)	White	Med.	Oct. 5	P-2
Limelight	(P)	White	Med.	Oct. 5	P-1
*Lyric	(S)	White	Short	Oct. 5	S-1
Avalanche	(LD)	Cream	Tall	Oct. 5	S-1
*Horizon	(P)	White	Med.	Oct. 5	S-2
Youdath's White	(LD)	White	Med.	Oct. 5	S-4
Snow Elf	(P)	White	Med.	Oct. 8	S-2
*Classic	(B)	White	Tall	Oct. 10	S-2
*Maestro	(P)	White	Short	Oct. 10	S-1
White Spoon	(Spoon)	White	Med.	Oct. 10	S-4
*Silverplate	(D)	White	Med.	Oct. 12	S-2
Silver Ball	(P)	White	Tall	Oct. 15	S-4
Irene	(B)	White	Med.	Oct. 15	S-2
Norona	(SP)	White	Med.	Oct. 15	S-2

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
YELLOW					
Pathfinder	(CF)	Lemon	Med.	Aug. 28	N-2
*Early Gold	(P)	Golden	Short	Sept. 5	S-1
Golden Hours	(P)	Chrome Yel.	Med.	Sept. 8	S-3
Delight	(P)	Golden	Med.	Sept. 8	P-3
Genista	(P)	Canary	Med.	Sept. 12	P-1
Yel. Supreme (Hardy)	(C)	Bright Lemon	Short	Sept. 15	S-4
*Pomponette	(P)	Golden	Short	Sept. 15	S-3
Yellow Cushion	(C)	Lt. Yellow	Short	Sept. 15	S-4
*Yel. Chris Columbus	(LD)	Bright Lemon	Med.	Sept. 15	S-3
*Early Yellow	(B)	Dp. Lemon	Short	Sept. 15	S-4
Golden Carpet	(P)	Golden	Short	Sept. 15	S-2
*D Ming	(P)	Orange Yel.	Med.	Sept. 18	P-3
*Sept. Sunshine	(S)	Bright Lemon	Med.	Sept. 20	S-3
*Aglow	(P)	Orange	Med.	Sept. 20	N-2
Wychwood	(LP)	Canary	Med.	Sept. 20	S-3
Canary Wonder	(P)	Canary	Med.	Sept. 25	S-2
Golden Wonder	(P)	Golden	Med.	Sept. 25	P-1
Chas. Nye	(LP)	Dp. Lemon	Tall	Sept. 25	S-2
Golden Sunset	(LD)	Copper Gold	Med.	Sept. 25	S-2
*Honeycomb	(P)	Golden	Med.	Sept. 25	S-1
*Moonlight	(D)	Bright Yel.	Med.	Sept. 25	P-3
Lee Powell	(LD)	Chinese Yel.	Tall	Sept. 25	P-3
Tangerine	(LD)	Dp. Orange	Med.	Sept. 25	S-3
Flaxen Beauty	(LD)	Lt. Lemon	Med.	Oct. 1	P-3
Tranquility	(D)	Lt. Lemon	Med.	Oct. 1	P-0
*Chiquita	(B)	Dp. Lemon	Med.	Oct. 1	S-3
James Eadie	(LP)	Dp. Chrome	Tall	Oct. 5	S-3
Yel. Avalanche	(LD)	Lt. Lemon	Tall	Oct. 5	S-3
*Garland	(S)	Lemon	Short	Oct. 5	S-1
Polaris	(S)	Golden Buff	Med.	Oct. 5	S-2
*D Mrs. Rotan	(LD)	Dp. Chrome	Med.	Oct. 5	S-3
Sunstone	(Spoon)	Lt. Yellow	Tall	Oct. 8	P-1
*Spode	(L-Inc.)	Lemon	Short	Oct. 8	P-0
*Yel. Spoon	(Spoon)	Lt. Yellow	Med.	Oct. 10	S-2
Treasure	(P)	Golden	Tall	Oct. 10	S-1
Golden Spoon	(Spoon)	Golden	Med.	Oct. 10	S-4
*Yel. Blanket	(B)	Br. Lemon	Med.	Oct. 10	S-3
Bright Forecast	(P)	Br. Lemon	Med.	Oct. 10	S-2
*Gold Rush	(S)	Lemon	Med.	Oct. 10	S-2
Sweepstake	(P)	Lemon	Med.	Oct. 12	S-1
*Lemonade	(P)	Ivory Yel.	Med.	Oct. 12	S-2
Gold Lode	(L-Inc.)	Golden	Med.	Oct. 15	S-2
Rodell Imp.	(B)	Lt. Lemon	Med.	Oct. 15	S-4
Yellow Irene	(B)	Lt. Lemon	Med.	Oct. 15	S-3
Buttercup (Hardy)	(L-Inc.)	Golden	Short	Oct. 15	N-2
*Valiant	(L-Inc.)	Lt. Golden	Med.	Oct. 15	P-0
Sarasota	(P)	Br. Lemon	Med.	Oct. 15	N-2
Honeysweet	(L-Inc.)	Golden Yel.	Med.	Oct. 15	P-0

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
BRONZE AND RED					
Glow Worm	(D)	Or. Scarlet	Short	Sept. 8	S-1
Early Harvest	(C)	Mah. Orange	Short	Sept. 8	S-1
Harbinger	(D)	Golden Br.	Short	Sept. 8	S-1
*W. P. Snyder	(LP)	Apr. Orange	Med.	Sept. 10	S-1
Autumn Song	(D)	Wine Rose	Med.	Sept. 10	S-3
Autumn Tide	(D)	Coral Salmon	Med.	Sept. 15	S-3
Apache	(LD)	Red and Gold	Med.	Sept. 15	N-2
Red Gold	(B)	Red and Gold	Med.	Sept. 15	S-2
Orloma	(D)	Apr. Bronze	Med.	Sept. 15	P-1
Flamboyant	(D)	Orange Br.	Med.	Sept. 15	P-0
Overly	(C)	Bronze	Med.	Sept. 20	N-2
Sept. Bronze	(B)	Golden Br.	Med.	Sept. 20	S-4
Goblin	(P)	Golden Br.	Tall	Sept. 20	S-2
Red Glow	(P)	Dark Red	Med.	Sept. 20	S-1
*Orsona	(D)	Red & Bronze	Med.	Sept. 20	P-1
Scarlet Crimson	(D)	Bright Red	Med.	Sept. 20	S-3
Mme. Cadillac	(P)	Raspberry Wine	Short	Sept. 20	P-1
Rouge Cushion	(C)	Bright Red	Short	Sept. 25	P-3
Bronze Wonder	(LP)	Rosewood	Med.	Sept. 25	S-2
Champ. Cushion	(C)	Dp. Bronze	Short	Sept. 25	S-4
Comd. Cushion	(C)	Red	Short	Sept. 25	S-4
Mahogany Cushion	(C)	Jasper Red	Short	Sept. 25	S-4
Alpena	(D)	Red	Med.	Sept. 25	P-0
Marionette	(P)	Rust Red	Med.	Sept. 25	S-1
Elite Cushion	(C)	Salmon Br.	Med.	Sept. 25	P-3
Holiday (Hardy)	(P)	Golden Br.	Med.	Sept. 25	P-3
*Remembrance	(LD)	Dp. Carmine	Med.	Sept. 28	S-1
Kath. Lehman	(LD)	Orange Br.	Med.	Sept. 28	S-2
Admiration	(LD)	Salmon Fawn	Med.	Sept. 28	S-3
*Iron Mountain	(P)	Deep Red	Med.	Oct. 1	P-0
Jubilee (Hardy)	(P)	Crimson	Med.	Oct. 1	P-2
Mogul	(P)	Orange Rust	Med.	Oct. 1	P-3
Reverie	(D)	Buff Bronze	Med.	Oct. 1	N-2
Magnificent	(LD)	Plum Red	Tall	Oct. 1	P-3
Red Cloud	(C)	Scarlet	Med.	Oct. 1	S-2
Red Riding Hood	(D)	Bright Red	Med.	Oct. 1	S-3
Sam Williston	(C)	Deep Red	Short	Oct. 1	S-3
Gondolier	(LD)	Crimson	Med.	Oct. 1	N-2
Bonfire	(D)	Bright Red	Med.	Oct. 1	S-1
Regina	(LD)	Apricot Br.	Med.	Oct. 1	P-1
Cardinal Spoon	(Spoon)	Red Bronze	Med.	Oct. 1	S-1
Firecracker	(D)	Mahogany	Tall	Oct. 5	S-1
Cydonia	(LD)	Mahogany	Tall	Oct. 5	S-4
*September Cheer	(S)	Cherry Red	Med.	Oct. 5	S-4
Burgundy	(LD)	Wine Red	Tall	Oct. 5	S-4
Ruby Pompon	(P)	Ruby Crimson	Med.	Oct. 5	S-4
Red Velvet	(LD)	Dk. Crimson	Med.	Oct. 5	S-1
*Mona	(P)	Rust Bronze	Med.	Oct. 5	S-1
Avalon	(P)	Orange Bronze	Tall	Oct. 5	P-3
Courageous	(LD)	Dk. Ruby	Med.	Oct. 5	S-3
*Mrs. Dupont	(LD)	Coral Buff	Tall	Oct. 5	S-2

Garden Varieties

(Continued)

BRONZE AND RED (Cont'd)

Buckeye	(P)	Salmon Br.	Med.	Oct. 8	P-2
Beacon	(LD)	Coral Apricot	Tall	Oct. 8	S-2
Aviator	(P)	Copper	Med.	Oct. 8	S-3
Success	(LP)	Deep Crimson	Med.	Oct. 8	S-1
Miguel	(D)	Raspberry Red	Tall	Oct. 8	P-1
*D Calumet (Hardy)	(D)	Apricot	Med.	Oct. 10	P-1
Huntsman	(LD)	Scarlet Orange	Tall	Oct. 10	S-1
Carnival	(LP)	Burnt Orange	Med.	Oct. 10	S-2
*Caravan	(LD)	Salmon Br.	Med.	Oct. 10	S-1
Blueblood	(D)	Amaranth Red	Tall	Oct. 10	S-1
Carmine Queen	(LP)	Carmine	Tall	Oct. 10	S-1
*Bamboo	(S)	Buff Orange	Tall	Oct. 10	S-1
Fireside	(D)	Burnt Orange	Tall	Oct. 10	S-1
Admiral	(D)	Dark Red	Med.	Oct. 12	S-1
Fashion	(D)	Rosewood	Med.	Oct. 12	S-1
Witchery	(D)	Golden Br.	Med.	Oct. 12	S-2
*James Stewart	(P)	Apricot Gold	Tall	Oct. 15	S-2
Robinhue	(LD)	Dark Red	Tall	Oct. 15	S-1
Rajah	(S)	Scarlet	Tall	Oct. 15	S-1
Chopin	(L-Inc.)	Lt. Bronze	Med.	Oct. 15	N-2
Arvis	(P)	Bronze	Tall	Oct. 15	N-2

PINK AND LAVENDER

Gladness	(D)	China Rose	Short	Aug. 28	S-2
Cecil Beed	(D)	Deep Lavender	Med.	Sept. 1	P-3
Dr. Longley	(D)	Rose Pink	Med.	Sept. 1	P-3
Sal. Precose	(LD)	Salmon Pink	Short	Sept. 1	S-2
Rosa	(C)	Rose Pink	Med.	Sept. 5	N-2
*Purple Star	(P)	Purple	Med.	Sept. 5	S-3
*Joan Helen	(D)	Dk. Purple	Med.	Sept. 10	S-3
*D Nye's Favorite	(D)	Lavender	Med.	Sept. 10	S-2
*Orchid Helen	(D)	Orch. Lavender	Med.	Sept. 10	S-1
Royal Robe	(D)	Purple	Med.	Sept. 15	P-2
Chippewa	(LD)	Bright Purple	Med.	Sept. 15	S-3
Fairbow	(P)	Lavender Pink	Med.	Sept. 20	S-2
Tapestry	(LD)	Bright Pink	Med.	Sept. 20	S-2
Heather Bloom	(D)	Heather Pink	Med.	Sept. 20	S-3
*Alert	(LD)	Dark Purple	Med.	Sept. 20	S-4
Olive Longland	(LD)	Apricot Salmon	Med.	Sept. 25	S-4
*Cecelia	(C)	Purple	Short	Sept. 25	S-2
Imp. Early Wonder	(P)	Lavender	Med.	Sept. 25	S-1
*Spellbound	(D)	Lavender	Med.	Sept. 25	S-3
Capt. J. Smith	(C)	Lavender Pink	Short	Sept. 25	S-4
*Maj. Cushion	(C)	Lavender	Short	Sept. 25	S-3

Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
PINK AND LAVENDER (Cont'd)					
Rosita	(B)	Lavender Rose	Med.	Sept. 28	S-3
Malinda Brown	(P)	Lavender Rose	Med.	Sept. 28	S-3
Betty	(LD)	Pk. Rose Ctr.	Tall	Sept. 28	S-1
Misty Maid	(D)	Lt. Pink	Med.	Sept. 28	S-2
Pat. Lehman	(D)	Peach Pink	Tall	Sept. 28	S-2
Fascination	(LD)	Lavender Pink	Med.	Oct. 1	P-2
*D Myrtle Walgreen	(LP)	Amar. Purple	Med.	Oct. 1	S-2
*Tiffany Rose	(S)	Deep Rose	Med.	Oct. 1	S-3
Sonny	(P)	Deep Lavender	Med.	Oct. 1	P-0
Mischief	(S)	Purple	Short	Oct. 1	N-2
Alex Cummings	(LD)	Deep Rose	Tall	Oct. 3	P-2
Northern Queen	(D)	Lavender	Med.	Oct. 5	P-0
*Petrisian Mauve	(D)	Mauve	Med.	Oct. 5	P-1
*Petrisian Pink	(D)	Lt. Pink	Med.	Oct. 5	P-1
*Petrisian Rose	(D)	Rose Pink	Med.	Oct. 5	P-1
*Lavender Lady	(D)	Lavender Pink	Tall	Oct. 5	S-1
Corona (H)	(S)	Dp. Lavender	Tall	Oct. 10	P-1
Ponca	(SD)	Dk. Lav.	Short	Oct. 10	S-1
Dream Girl	(P)	Light Lavender	Med.	Oct. 10	S-1
*Courtier	(D)	Lavender Pink	Med.	Oct. 10	S-1
*Time	(LP)	Lavender	Med.	Oct. 10	S-2
Orchid Spoon	(Spoon)	Orchid Lavender	Med.	Oct. 10	S-1
Rose Spoon	(Spoon)	Lavender Rose	Med.	Oct. 10	S-4
Lassie	(LD)	Dark Pink	Med.	Oct. 10	S-1
*Masquerade	(P)	Lavender Rose	Med.	Oct. 10	S-1
*Joybringer	(D)	Salmon Rose	Short	Oct. 10	S-2
Ronnie	(B)	Dk. Lav.	Med.	Oct. 12	S-1
Elizabeth Hood	(LD)	Lavender Pink	Med.	Oct. 12	P-3
Allegro	(P)	Shrimp Pink	Med.	Oct. 12	S-1
Adagio	(P)	Raspberry Rose	Tall	Oct. 12	S-2
Sonnet	(P)	Salmon Pink	Med.	Oct. 15	P-2
*Jewell	(P)	Lavender Pink	Med.	Oct. 15	S-2
Enterprise	(P)	Amaranth	Tall	Oct. 15	P-3

Following are Large Mums which are normally grown in the greenhouse, but also are good outside. Should be disbudded to one bloom per stem.
 Symbols: (M) Medium — (L) Large — (Inc.) Incurved — (Ref.) Reflexed

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
WHITE					
Silver Sheen	M-Inc.	White	Tall	Oct. 20	S-3
YELLOW					
Harvest Golden	M-Inc.	Deep Golden	Tall	Oct. 10	S-1
*D Gold Lode	M-Ref.	Lemon	Tall	Oct. 15	S-2
Celestra	M-Inc.	Lemon	Tall	Oct. 15	S-2
Mrs. Kidder	L-Inc.	Deep Lemon	Tall	Oct. 15	S-3
Buttercup (H)	M-Inc.	Golden	Short	Oct. 15	N-2
Valiant	M-Inc.	Lt. Golden	Med.	Oct. 15	P-0
Honeysweet	M-Inc.	Golden Yel.	Med.	Oct. 15	P-0
BRONZE AND RED					
Amber Bright	M-Inc.	Amber Br.	Med.	Oct. 15	S-1
Chopin	M-Inc.	Lt. Bronze	Med.	Oct. 15	N-2
PINK AND LAVENDER					
Pink Chief	L-Inc.	Lavender	Tall	Oct. 15	S-3
Major Bowes	L-Inc.	Deep Lavender	Tall	Oct. 15	S-1

All Season Chrysanthemum Culture

FROM THE OHIO STATE FLORISTS BULLETIN

CUT FLOWERS

The schedule of operations is that of Yoder Bros., adapted for the 40° to 45° north latitude (New England, New York, Pennsylvania, north half of Ohio, north half of Indiana, north half of Illinois, Iowa, Minnesota, Wisconsin, Michigan, Washington, and Oregon). For the latitude of 35° to 40° north (southern New Jersey, Delaware, Maryland, Virginia, West Virginia, North Carolina, Kentucky, Tennessee, southern Ohio, southern Indiana, southern Illinois, Missouri, Kansas, Colorado, northern Arkansas, northern Oklahoma, southern Nevada, southern Utah, and central California) a slight modification of the schedule should be made between the dates of July 21 and March 3 only. This modification consists of cutting off one week of long day treatment or, to state in another way, give short day conditions one week earlier than is shown in the schedule presented here. For more southern latitudes, other schedules should be consulted.

Even though you may not be interested in chrysanthemums at all seasons, there is considerable interest in the flowering of the mum for specific periods. For example, the production of white, yellow, and light pink pompons for the spring months has been very profitable for some growers. The schedule can also be used for production of standard mums when natural varieties are mediocre or poor. This is well illustrated in December, when Smith's Late White and Tobin's Late Yellow may be the only varieties available. In this case it is quite simple to delay the flowers of the Indianapolis group, the Mefos, or the Queens for December to have good quality standards for this period.

CUTTINGS

The cuttings must be taken from lighted stock plants, and it is simplest to buy them from the specialist who is doing it.

LIGHTING

To prevent formation of flower buds the light intensity must be 10 foot-candles (F.C.), for an extensive area, additional light is best supplied by bulbs near the roof of the greenhouse and you should consult your local light and power company concerning the cheapest method of providing the desired intensity. For smaller installations the spacing given below will be satisfactory for a bench 4 feet wide:

60-watt bulbs in a reflector, spaced 4 feet apart, 2 to 4 feet above the tops of the plants.

100-watt bulbs in a reflector, spaced 6 feet apart, 2 to 4 feet above the tops of the plants.

200-watt bulbs in a reflector, spaced 8 feet apart, 2 to 4 feet above the tops of the plants.

Lights must be used between August 1 and May 15 because during this period the day length is short enough to cause flower buds to form on some of the varieties.

Results of work by experiment stations and commercial firms show that best results with lights are secured by interrupting the night. Actually, the chrysanthemum is a "long night" plant rather than a "short day" plant. This may appear to be splitting hairs, but flower buds can be prevented from forming by interrupting the night even though at the same time the day length is short. Therefore, begin lighting at 10 p.m. for the number of hours shown below:

Month	Hours of lighting per night
August	2
September	2½
October	3
November	4
December	5
January	5
February	4
March	3
April	2
May 1-15	2

Though manipulation of light to control spray formation is feasible, it is too complicated for the grower who is not a mum specialist.

SHADING

Between September 1 and February 15 the day length is short enough to cause flower buds to form on all varieties. Therefore it is not necessary to cover the plants with black cloth during this period. However, if you have a number of houses or benches in mums and the lights are not all turned off the same day, then you must use black cloth as a curtain between lighted and unlighted benches.

TEMPERATURE

To insure rapid vegetative growth as well as flower bud set, the night temperature must be 60° F. There are only a few crops that can be grown with chrysanthemums at the 60°F. night temperature during the fall, winter, and early spring months. Chrysanthemums can be grown with roses, gardenias, and China asters. However, stocks, snapdragons, and other cool crops cannot be grown with chrysanthemums. Flowers of extra fine quality can be produced by gradually lowering the night temperature to 50°F. after the flower buds are visible. This requires more time than shown in the schedule and cannot be practiced where chrysanthemums in various stages of development are being grown in the same house.

In hot summer weather, black cloth shade should be applied late in the afternoon and removed later in the morning—this will reduce the heat under

cloth. Some varieties will not develop properly if it is too warm under the cloth, while pink and bronze varieties fade at high temperatures. The best bronze pompons to withstand summer heat are Beauregard, Buckskin, Dark Bronze Masterpiece, Firefly, and Paragon.

GENERAL RECOMMENDATIONS

The schedule of operations allows for three crops per year from the same square foot of bench space—if you are interested in year around flowering. If not, then use the schedule to flower the chrysanthemums wherever you want them.

Yoders do not pinch the cuttings. Since the market demands are for bunches with at least 6 stems, the planting distance varies with the season; that is, the more natural light there is the closer the planting. The recommended spacing is shown below:

Distance in inches	When plants are to be flowered from
4x6	June 15 to September 15
4x7	September 15 to November 1
4x8	November 1 to December 15
4x9	December 15 to March 15
4x8	March 15 to May 1
4x7	May 1 to June 15

Both pompons and standards are supported with wire and string, the same as pompons usually are. To get the best and most rapid growth, (1) be sure the soil is well drained, (2) keep the nitrate level no higher than 25 ppm (Spurway) in late fall and winter, and (3) keep the Solubridge (soluble salts) readings low.

Disbudding practices vary with the grower—some do, and some don't. Disbudding requires time, but with all except the button types (Pinocchio, etc.) the size of the flower and spray formation can usually be improved.

For color preference at various periods of the year, consult your selling outlet. Market preferences vary too much for specific recommendations.

Yoder's schedule of operations is based on weather conditions for northern Ohio. In the south where the sunlight is brighter, the plants will grow more rapidly and some adjustments may have to be made.

Failure of the plants to flower when given short days is usually due to allowing too many long days. Encore, Moonglow, Golden Chord, Majorette, and a few others are especially troublesome in this respect.

VARIETIES

You will note that varieties have been classified into groups, depending upon the approximate number of weeks required for them to come into flower from the time they are given short day treatment. Those that naturally flower early are in the 7 or 8 weeks groups; those flowering some-what later are in the 10-week group, etc.

Some of the pink, bronze, and red varieties will fade badly at high temperatures. In these colors,

the varieties proving the most satisfactory in warm weather are Beauregard, Buckskin, Dark Bronze Masterpiece, Memorial, Pandora, Paragon, Pink Dot, Red Seneca, Reward Rubicon, and Taffeta.

The varieties listed below are recommended for out-of-season production:

White Pompons, Decoratives, Singles, and Anemones

Variety	Recommended for flowering
7-week varieties	
Classic	May 12 - October 6
Horizon	"
Silverplate	"
White Wonder	"
8-week varieties	
Norona	May 5 - October 13
Pristine	"
9-week varieties	
Halo	April 20 - October 27
Keepsake	"
Pinnoccio	"
Popcorn	"
Songster	"
White Popcorn	"
10-week varieties	
Dynamo	April 6 - November 3
Encore	"
Illini Snowdrift	"
Little America	"
Madonna	"
Matchless	"
Moonglow	"
Shasta	"
White Mensa	"
11-week varieties	
Crystal Beauty	September 29 - May 5
Highbrow	"
Paramount	"
Sculpture	"
Snowflake	"
12-week varieties	
Belray	October 13 - April 27
Fortune	"
Monarch	"
White Valencia	"
13-week varieties	
Acclaim	October 27 - April 13
Cameo	"
Cotillion	"
Snowdrop	"
Snow Queen	"
Yukon	"
14-week varieties	
Satellite	November 10 - March 30
Silversmith	"
Snowcap	"
Snowcrest	"

Yellow Pompons, Decoratives, Singles, and Anemones

7-week varieties	
Bright Forecast	May 12 - October 6
Goldrush	"
Polaris	"
Sweepstake	"
8-week varieties	
None suitable.	
9-week varieties	
Gold Coast	April 20 - October 27
Golden Herald	"
Mary Lennon Hall	"
Schneeburg's Yellow Daisy	"
Sunup	"
Yellow Arcadia	"

Variety	Recommended for flowering
10-week varieties	
Brigadoon	April 6 - November 3
Crescendo	June 15 - September 15 only
Pixie	April 6 - November 3
Yellow Shasta	"
11-week varieties	
Bojangles	September 29 - May 5
Forty-niner	"
Golden Chord	Sept. 29 - Dec. 31 only
Klondike	September 29 - May 5
Lollipop	"
Pippin	"
Thorobred	"
12-week varieties	
Champagne	October 13 - April 27
Goldenrod	"
Goldsmith	"
Highlander	"
Omega	"
Yellow Valencia	"
13-week varieties	
Cindarella	October 27 - April 13
Carsair	"
Yellow Cameo	"
14-week varieties	
Jack pot	November 10 - March 30
Shamrock	"
Siren	"
Vibrant	"
Yellow Riviera	"
Yellow Snowcrest	"

Bronze and Red Pompons, Decoratives, Singles, and Anemones

7-week varieties	
Admiral	May 12 - October 6
Blueblood	"
Carmelita	"
Carmen Queen	"
Firecracker	"
Fireside	"
Marionette	"
Nocturne	"
Red Velvet	"
Witchery	"
8-week varieties	
Detroitier	May 5 - October 13
James Stewart	"
Rajah	"
Robinhue	"
9-week varieties	
Buccaneer	April 20 - October 27
Buckskin	"
Firefly	"
Red Seneca	"
10-week varieties	
Beauregard	April 6 - November 3
Bronze Linda Lou	"
Chanticleer	"
Chevron	"
Copperhead	"
Dark Bronze Masterpiece	"
Paragon	"
Rubicon	"
Samovar	"
11-week varieties	
Bronze Minuet	September 29 - May 5
Festival	"
Mrs. Dewey	"
Rusticon	"
Shalimar	"
Thelma	"

Variety	Recommended for flowering
12-week varieties	
Amberina	October 13 - April 27
Apricot Valencia	"
Bronze Goldsmith	"
Crimson Valencia	"
Galaxy	"
Indian Head	"
13-week varieties	
Bronze Minstel	October 27 - April 13
Christmas Star	"
Harlequin	"
Holiday	"
Mahogany Viking	"
14-week varieties	
Bronze Riviera	November 10 - March 30
Christmas Greeting	"
Merrymaker	"
Poinsettia	"
Topaz	"

Pink Pompons, Decoratives, Singles, and Anemones

7-week varieties	
Adagio	May 12 - October 6
Courtier	"
Early Wonder	"
Lassie	"
Spellbound	"
Sweetheart	"
8-week varieties	
Carolyn Yosick	May 5 - October 13
Mary McArthur	"
9-week varieties	
Ballerina	April 20 - October 27
Pink Dot	"
Reward	"
10-week varieties	
Linda Lou	April 6 - November 3
Masterpiece	"
Memorial	"
Pandora	"
Soprano	"
Taffeta	"
11-week varieties	
Brocade	September 29 - May 5
Grand Slam	"
Majorette	"
Minuet	"
Pinky	"
12-week varieties	
Dark Valencia	October 13 - April 27
Heritage	"
Orchid Valencia	"
Salmon Valencia	"
Valencia	"
13-week varieties	
Debutante	October 27 - April 13
Minstrel	"
14-week varieties	
Defiance	November 10 - March 30
Medallion	"
Riviera	"
Rosalind	"

White Standards

8- and 9-week varieties (Handle all as 9-week types)	
Queen's Lace	June 16 - October 27
Silver Sheen	"
White Chief	"

Variety	Recommended for flowering
10- and 11-week varieties (Handle all as 10-week types)	
Betsy Ross	September 29 - June 9
Indianapolis White	"
Jean Elizabeth	"
Marketeer	"
Mefo	"
Monument	"
Sterling	"

12-week varieties	
Chattanooga	November 24 - April 27
December Glory	"

Yellow Standards

8- and 9-week varieties (Handle all as 9-week types)	
Blazing Gold	June 16 - October 27
Good News	"
Yellow Lace	"

10- and 11-week varieties (Handle all as 10-week types)	
Harvester	September 29 - June 9
Indianapolis Yellow	"
Jamboree	"
Lorraine	"
Yellow Mefo	"
Yellow Queen	"

12-week varieties	
Golden Mrs. Ross	November 24 - April 27
Golden Pearson	"
Yellow Chattanooga	"

Variety	Recommended for flowering
Bronze and Red Standards	
9-week varieties	
Detroit New	June 16 - October 27
10-week varieties	
Garnet King	September 29 - June 9
Indianapolis Bronze	"
Mrs. Roy	"
Nomago	"

12-week varieties	
Gladys Pearson	November 24 - April 27
Oak Leaf	"

Pink Standards

8- and 9-week varieties (Handle all as 9-week types)	
Mary Garden	June 16 - October 27
Pink Chief	"

10- and 11-week varieties (Handle all as 10-week types)	
Dark Orchid Queen	September 29 - June 9
Edwin Seidewitz	"
Helen Frick	"
Indianapolis Pink	"
Orchid Queen	"
Pink Pockett	"
Thanksgiving Pink	"

POTTED PLANTS

The general rules pertaining to the use of lighted cuttings, lighting, shading, and temperature apply to chrysanthemums grown as pot plants as stated for cut flowers. However, the pinching date and the varieties used are much different. To keep the plant low, compact, and shapely, they must be pinched soon after they are potted.

Single pinch system. Some growers prefer to produce plants that are pinched only once, because it is a quick method of production. At least 3 or 4 cuttings should be placed in a 5-inch pot or 4 or 5 cuttings in a 6-inch pot. Azalea pots are suggested rather than standards because they are lower and give better effect to the finished plant. If potted during the spring, summer, and fall months, best results are secured with most varieties by pinching and shading the plants the same day that they are potted. This is often referred to as the pot, pinch, and short day system of production. During the winter months, however, it has been observed that the plants should be allowed to grow for 7 to 10 days before they are pinched and given short days.

Double pinch system. Larger, more showy plants are obtained by pinching twice. Three rooted cuttings should be placed in a 5- or 6-inch azalea pot. If potted during the spring, summer, and early fall months, the cuttings should be pinched the same day they are potted and then pinched again in 3 to 4 weeks depending upon the rapidity of growth. With most varieties, the plants should be given short day conditions the same day as the date of the second pinch. In the winter months better results are ob-

tained if the cuttings are allowed to grow 7 or 10 days before they are pinched the first time, and, second pinch should be made 3 or 4 weeks later.

Varieties. The number of good varieties for use as pot plants is rather limited. While it is true that any variety may be pot grown, it is usually the larger flowered types that find quick public acceptance.

WHITE

Christina — early.

Granite State — short compact growth; often necessitates more cuttings per pot or use of smaller pots.

Indianapolis White — usually too tall unless pinched 10 days after short days are started.

Little America — must be disbudded for best results.

Queen's Lace — a good novelty but will be too tall unless pinched 10 days after short days are started.

Richard Mandel — formerly the most popular white.

Silversmith — though a seedling of Revelation, it is not too tall if pinched 10 to 14 days after short days are started; must be disbudded. Recommended for December through March only.

White Frick — usually too tall unless pinched 10 days after short days are started.

Wilson's White — a new one that is worthy of trial.

YELLOW

Blazing Gold — early, but somewhat soft.

Bonnafon Deluxe — the best pot mum, bar none. Sometimes uneven or blind in winter.

Butterball

Dark Indianapolis Yellow — a sport which is short.

Golden Glory — may be soft.

Gold Lode — very soft, but early.

Indianapolis Yellow — usually too tall unless pinched 10 days after short days are started.

Sunglow — may be soft.

Yellow Lace — an excellent novelty, but will be too tall unless pinched 10 days after short days are started.

BRONZE AND RED

- Apricot Queen** — if overwatered, this variety quickly becomes chlorotic.
- Bronze Masterpiece** — somewhat soft, and must be disbudded. If too tall, pinch 7 to 10 days after short days are started.
- Copperhead** — usually too tall unless pinched 10 days after short days are started.
- Glitters** — if overwatered, this variety quickly becomes chlorotic.
- Gypsy** — must be disbudded; fades in hot weather.
- Indianapolis Bronze** — usually too tall unless pinched 10 days after short days are started.
- Indianapolis Golden Bronze** — a quilled sport which is short.
- Ivanhoe**
- Mrs. Stahelin** — may be tall.

PINK

- Helen Frick** — usually too tall unless pinched 10 day after short days are started.
- Indianapolis Pink** — usually too tall unless pinched 10 days after short days are started.
- Masterpiece** — somewhat soft and must be disbudded. If too tall, pinch 7 to 10 days after short days are started.
- Queen of Pinks** — the most popular pink pot mum; fades badly in hot weather.

General Remarks. The best pot mums are produced by placing three rooted cuttings in the finishing pot. If hard, starved plants out of small pots are used, poor specimens should be expected. If the pinches are made too high, the plant will not only be leggy, but require extra care in staking.

Regular applications of fertilizer should be made to keep the foliage green and the plant in a healthy condition. It is no longer necessary to run the plants extremely dry and starve them to obtain compact specimens—proper pinching takes care of this. Foliar nematode and septoria black spot can cause the loss of lower leaves which makes the plants unsightly.

A pot mum that is too tall and leggy or one devoid of lower foliage is the main reason why one hears the remark "pot mums won't sell." Height can be kept in check by pinching 7 to 10 days after short days are started. With some varieties it may be necessary to pinch as late as 14 days after short days are started. It is remarkable how the

variation of pinch date in relation to the start of short days regulates the height and compactness of the plant.

While any variety may be grown as a pot mum, most pompons and standards become tall and leggy, are too soft, or do not produce an eye-catching display of flowers.

Only one flower should be allowed to develop per stem. All other buds should be removed when they are large enough to handle conveniently.

Hardy varieties as spring flowering pot plants.

A number of hardy or garden chrysanthemums can be grown as spring flowering pot plants. By using the easy-to-follow directions below there is no trick at all in producing excellent specimens:

1. Use only cuttings taken from lighted stock plants.
2. For flowering about May 1, place 5 rooted cuttings in a 5- or 6-inch pot February 8 and pinch that same day.
3. Give the plants 10 foot-candles of light from 5 p.m. to 10 p.m. each night from February 8 to March 8.
4. On March 8 pinch the plants again, discontinue lighting, and to produce the most uniform specimens shade with black cloth daily from 5 p.m. to 8 a.m. until flowering.
5. Keep the night temperature at 60°F. from potting until flowering.

If the plants are desired somewhat earlier or later than May 1, the dates of potting, pinching, lighting, and shading can be moved ahead or back as desired. This schedule has been worked out at Columbus, Ohio, which is on the 40th parallel. For other localities some modifications may be necessary.

In Ohio the sale of the chrysanthemum as a hardy plant necessitates the purchase of a license for the sale of perennials. Consult with your nursery inspector or county agent if you are not sure of the law in your state.

As a spring flowering pot plant the hardy or garden chrysanthemum is in a class by itself and when correctly grown it should be a valuable addition to the list of spring plants sold by both nurserymen and florists.

The following varieties are recommended:

White	Yellow	Pink	Bronze
Avalanche	Bamboo	Joybringer	James Stewart
Calcite	Carnival	Major Cushion	Mona
Christopher Columbus	Early Gold	September Cheer	
Classic	Early Yellow	Serenade	Orchid
Pepita	Gold Rush		Jewell
Renown	Lemonade	Apricot	Spellbound
Silverplate	September Sunshine	Tiffany Rose	
White Wonder	Witchery	W. P. Snyder	
	Yellow Christopher Columbus		
	Yellow Spoon		
	Yellow Supreme		

Schedule of Operations for Unpinched Chrysanthemums at Any Season

Plant rooted cuttings*	Light beginning	Shade or start short days beginning**								Date of flowering
		For 7-week var.	For 8-week var.	For 9-week var.	For 10-week var.	For 11-week var.	For 12-week var.	For 13-week var.	For 14-week var.	
Jan. 14	Jan. 14		Mar. 10	Mar. 3	Feb. 25	Feb. 18				May 5
Jan. 21	Jan. 21	Mar. 24	Mar. 17	Mar. 10	Mar. 3					May 12
Feb. 4	Feb. 4	Mar. 31	Mar. 24	Mar. 17	Mar. 10					May 19
Feb. 11	Feb. 11	Apr. 7	Mar. 31	Mar. 24	Mar. 17					May 26
Feb. 25	Feb. 25	Apr. 14	Apr. 7	Mar. 31	Mar. 24					June 2
Mar. 3	Mar. 3	Apr. 21	Apr. 14	Apr. 7	Mar. 31					June 9
Mar. 17	Mar. 17	Apr. 28	Apr. 21	Apr. 14	Apr. 7					June 16
Mar. 24	Mar. 24	May 5	Apr. 28	Apr. 21	Apr. 14					June 23
Mar. 31	Mar. 31	May 12	May 5	Apr. 28	Apr. 21					June 30
Apr. 7	Apr. 7	May 19	May 12	May 5	Apr. 28					July 7
Apr. 14	Apr. 14	May 26	May 19	May 12	May 5					July 14
Apr. 21	Apr. 21	June 2	May 26	May 19	May 12					July 21
Apr. 28	Apr. 28	June 9	June 2	May 26	May 19					July 28
May 5	May 5	June 16	June 9	June 2	May 26					Aug. 4
May 12		June 23	June 16	June 9	June 2					Aug. 11
May 19		June 30	June 23	June 16	June 9					Aug. 18
May 26		July 7	June 30	June 23	June 16					Aug. 25
June 2		July 14	July 7	June 30	June 23					Sept. 1
June 9		July 21	July 14	July 7	June 30					Sept. 8
June 16		July 28	July 21	July 14	July 7					Sept. 15
June 16		Aug. 4	July 28	July 21	July 14					Sept. 22
June 23		Aug. 11	Aug. 4	July 28	July 21	July 14				Sept. 29
June 30		Aug. 18	Aug. 11	Aug. 4	July 28	July 21				Oct. 6
June 30			Aug. 18	Aug. 11	Aug. 4	July 28	July 21			Oct. 13
July 7				Aug. 18	Aug. 11	Aug. 4	July 28			Oct. 20
July 14				Aug. 25	Aug. 18	Aug. 11	Aug. 4	July 28		Oct. 27
July 14				Sept. 1	Aug. 25	Aug. 18	Aug. 11	Aug. 4	July 28	Nov. 3
July 21				Sept. 8	Sept. 1	Aug. 25	Aug. 18	Aug. 11	Aug. 4	Nov. 10
July 28				Sept. 15	Sept. 8	Sept. 1	Aug. 25	Aug. 18	Aug. 11	Nov. 17
July 28				Sept. 22	Sept. 15	Sept. 8	Sept. 1	Aug. 25	Aug. 18	Nov. 24
Aug. 4	Aug. 4			Sept. 29	Sept. 22	Sept. 15	Sept. 8	Sept. 1	Aug. 25	Dec. 1
Aug. 11	Aug. 11			Oct. 6	Oct. 6	Sept. 29	Sept. 22	Sept. 15	Sept. 8	Dec. 8
Aug. 11	Aug. 11			Oct. 13	Oct. 13	Oct. 6	Sept. 29	Sept. 22	Sept. 15	Dec. 15
Aug. 18	Aug. 18			Oct. 20	Oct. 20	Oct. 13	Sept. 29	Sept. 22	Sept. 15	Dec. 22
Aug. 25	Aug. 25			Oct. 27	Oct. 27	Oct. 20	Sept. 29	Sept. 22	Sept. 15	Dec. 29
Aug. 25	Aug. 25			Nov. 3	Nov. 3	Oct. 27	Oct. 20	Oct. 13	Oct. 6	Jan. 5
Sept. 1	Sept. 1			Nov. 10	Nov. 10	Nov. 3	Oct. 27	Oct. 20	Oct. 13	Jan. 12
Sept. 8	Sept. 8			Nov. 17	Nov. 17	Nov. 10	Oct. 27	Oct. 20	Oct. 13	Jan. 19
Sept. 15	Sept. 15			Nov. 24	Nov. 24	Nov. 17	Oct. 27	Oct. 20	Oct. 13	Jan. 26
Sept. 22	Sept. 22			Dec. 1	Dec. 1	Nov. 24	Nov. 17	Nov. 10	Nov. 3	Feb. 2
Sept. 29	Sept. 29			Dec. 8	Dec. 8	Nov. 24	Nov. 17	Nov. 10	Nov. 3	Feb. 9
Oct. 6	Oct. 6			Dec. 15	Dec. 15	Dec. 8	Nov. 24	Nov. 17	Nov. 10	Feb. 16
Oct. 13	Oct. 13			Dec. 22	Dec. 22	Dec. 15	Nov. 24	Nov. 17	Nov. 10	Feb. 23
Oct. 20	Oct. 20			Dec. 29	Dec. 29	Dec. 22	Dec. 15	Dec. 8	Dec. 1	Mar. 2
Oct. 27	Oct. 27			Jan. 5	Jan. 5	Dec. 29	Dec. 22	Dec. 15	Dec. 8	Mar. 9
Nov. 3	Nov. 3			Jan. 12	Jan. 12	Jan. 5	Dec. 29	Dec. 22	Dec. 15	Mar. 16
Nov. 10	Nov. 10			Jan. 19	Jan. 19	Jan. 12	Jan. 5	Dec. 29	Dec. 22	Mar. 23
Nov. 17	Nov. 17			Jan. 26	Jan. 26	Jan. 19	Jan. 12	Jan. 5	Dec. 22	Mar. 30
Dec. 1	Dec. 1			Feb. 2	Feb. 2	Jan. 26	Jan. 19	Jan. 12	Jan. 5	Apr. 6
Dec. 8	Dec. 8			Feb. 9	Feb. 9	Feb. 2	Jan. 26	Jan. 19	Jan. 12	Apr. 13
Dec. 22	Dec. 22			Feb. 16	Feb. 16	Feb. 9	Feb. 2	Jan. 26	Jan. 19	Apr. 20
Dec. 29	Dec. 29			Feb. 23	Feb. 16	Feb. 9	Feb. 2	Jan. 26	Jan. 19	Apr. 27

*For a pinched crop, pinch on this date and plant as indicated below:—

When planting Nov. 15 to Feb. 14, allow 5 weeks from planting to pinching.

When planting Feb. 15 to May 14, allow 4 weeks from planting to pinching.

When planting May 15 to Aug. 14, allow 3 weeks from planting to pinching.

When planting Aug. 15 to Nov. 14, allow 4 weeks from planting to pinching.

**No need to use black cloth between September 1 and February 15 unless lights are used in the same house.

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Price Classification	Per 100				
	50-250	300-450	500-950	1000-2450	2500-up
S-4	\$ 6.00	\$ 5.70	\$ 5.40	\$ 5.10	\$ 4.80
S-3	6.50	6.15	5.85	5.50	5.20
S-2	7.00	6.65	6.30	5.95	5.60
S-1	7.50	7.15	6.75	6.40	6.00
P-3	8.00	7.60	7.20	6.80	6.40
P-2	9.00	8.55	8.10	7.65	7.20
P-1	10.00	9.50	9.00	8.50	8.00
N-1	12.50	12.00	11.50	11.00	10.50
P-0	15.00	14.25	13.50	12.75	12.00

WHITE POMPONS

Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount
6 Week Varieties											
.....	Ostosa	P-1.....	.....	Renown	S-1.....	.....	Minong	S-1.....	.....	Vesta	P-1.....
.....	Sept. Morn	S-1.....	.....	Classic	S-2.....	.....	Silvertone	P-2.....	.....	Arcadia	S-2.....
.....	White Wonder	S-1.....	.....	Silverplate	S-2.....	9 Week Varieties			.....	Silver Cloud	P-2.....
.....	Chris. Columbus	S-3.....	8 Week Varieties						.....	Halo	S-3.....
7 Week Varieties						.....	Popcorn	S-3.....	10 Week Varieties		
.....	Limelight	P-1.....	.....	Silver Ball *	S-4.....	.....	White Popcorn	S-2.....	.....	Cream Halo	P-1.....
.....	Avalanche	S-1.....	.....	Calif. White Daisy	S-2.....	.....	Keepsake	S-2.....	.....	Sea Gull	S-3.....
.....	White Cloud	S-1.....	.....	(Kimoto's White)	S-2.....	.....	Pinocchio	S-3.....	.....	White Doty	S-3.....
.....	Horizon	S-3.....	.....	Irene	S-2.....	.....	Songster	S-3.....			
.....	Marshmallow	P-2.....	.....	Norona	S-2.....	.....	Granite State	S-3.....	.....	Freedom	P-3.....
.....	Maestro	S-1.....	.....	Pristine	S-3.....	.....	Cottontop	S-3.....	.....	Whitetop	S-2.....
						.....	Shooting Star	S-1.....	.....	Rich. Mandel	S-2.....
									.....	Madonna	S-2.....
									.....	Kolowa	S-1.....

WHITE POMPONS

Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount
.....	Encore	S-4.....	11 Week Varieties			.....	12 Week Varieties	.....	.....	Imp. Wh. Supreme	S-2.....
.....	White Anemone	S-2.....	.....	Wh. Taffeta	P-1.....	.....	Silvercrest	P-1.....	.....	Snow Queen	S-2.....
.....	White Mensa	S-2.....	.....	Sculpture	S-2.....	.....	White Yuletide*	S-4.....	.....	Snowflake	P-1.....
.....	Rev. Rushnell	S-2.....	.....	White Norma	S-2.....	.....	White Lady	S-1.....	.....	Yukon	S-2.....
.....	Moonglow	S-2.....	.....	Eskimo	S-1.....	.....	Ill. Peace	P-1.....	.....	Satellite	S-2.....
.....	Pacesetter	P-3.....	.....	Snowflurry	S-2.....	.....	White Valencia	S-3.....	14 Week Varieties		
.....	Illini Igloo	S-2.....	.....	Ill. Starflower	P-1.....	.....	Cordova	S-2.....	.....	Trenton	P-3.....
.....	Cream Shasta	P-1.....	.....	Seafoam	S-2.....	.....	Fortune	S-3.....	.....	Snowcrest	S-3.....
.....	Shasta	S-4.....	.....	L.I. Beauty	S-3.....	.....	Monarch	S-1.....	.....	Cr. Snowcrest	P-3.....
.....	Dynamo	S-2.....	.....	Highbrow	S-3.....	.....	Carrara	S-1.....	.....	Silversmith	S-4.....
.....	Vesper	S-2.....	.....	Nevada	S-2.....	13 Week Varieties			.....	Snowcap	S-3.....
.....	Nagona	S-1.....	.....	Priscilla	S-3.....	.....	White Enchantress*	P-2.....	.....	Garza	S-3.....
.....	(Calif. White Mensa)		.....	Illini Bountiful	S-1.....	.....	Cameo	S-3.....	.....	Heirloom	S-2.....
.....	Little America	S-3.....	.....	Crystal Beauty	S-2.....	.....	Acclaim	S-2.....	.....	Wedding Bells	P-1.....
.....	Illini Snowdrift	S-3.....	.....	Paramount	S-3.....	.....	Swan	S-1.....	15 Week Varieties		
.....	Matchless	S-2.....	.....	Belray	S-3.....	.....	Spangles	S-2.....	.....	Muto's White*	S-4.....
.....	White Memorial	P-1.....				.....	Catillon	S-2.....	.....	Revelation	S-4.....
.....	White Frieda*	S-4.....				.....	Orway	P-1.....	.....	Snow	S-3.....
						.....	Snowdrop	S-2.....	.....	Talmeda	P-3.....
						.....	Wh. Snowdrop	P-1.....	.....	Illini Snowbound	S-1.....
						.....	Illini Starlet	P-3.....			

YELLOW POMPONS

6 Week Varieties			.....	Imamura Yel.	S-1.....	.....	Golden Chord	S-3.....	13 Week Varieties		
.....	Ming	P-3.....	.....	Yellow Firebird *	S-3.....	.....	Forty-Niner	S-4.....	.....	Yellow Acclaim	P-3.....
.....	Yellow Chris.		.....	Aztec	P-3.....	.....	Yellow Fellow	S-2.....	.....	Golden Harvest	S-1.....
.....	Columbus	S-3.....	.....	Sunup	S-2.....	.....	Susanne Miller	S-2.....	.....	Brandywine	S-1.....
.....	Moonlight	P-3.....	.....	Yellow Arcadia	S-2.....	.....	Tacoma	P-3.....	.....	Jackpot	S-2.....
.....	Honeycomb	S-1.....	.....	Sauterne	P-3.....	.....	Yel. I. I. Beauty	S-2.....	.....	Yel. Cotillion	P-1.....
7 Week Varieties			.....	Gondola	P-2.....	.....	Yel. Highbrow	S-1.....	.....	Yellow Cameo	S-2.....
.....	Polaris	S-2.....	.....	Mary Gold*	S-4.....	.....	Lollipop	S-3.....	.....	Yellow Spangles	P-3.....
.....	Chas. Nye	S-2.....	.....	Mary Hall	S-4.....	.....	Pippin	S-2.....	.....	Cinderella	S-2.....
.....	Garland	S-3.....	.....	Yellow Halo	S-1.....	.....	Klondike	S-3.....	.....	Goldtone	S-1.....
.....	Dwight Douglas	P-1.....	.....	Schn. Yel. Daisy	S-3.....	.....	Bojangles	S-2.....	.....	Yel. Enchantress*	P-1.....
.....	Yellow Spoon	S-2.....	.....	Yellow Doty	S-2.....	.....	Yellow Nevada	S-2.....	.....	Imp. Yel. Supreme	S-2.....
.....	Sunstone	P-1.....	.....	Starbright	S-3.....	.....	Illini Sunspot	P-3.....	.....	Goldie	P-1.....
.....	Lee Powell	P-3.....	.....	Yellow Daisy	S-2.....	.....	Mingo Chief	P-1.....	.....	Challenge	S-1.....
.....	Goldrush	S-2.....	.....	Yel. Sea Gull	S-2.....	.....	Yellow Paramount	P-3.....	.....	Corsair	S-2.....
.....	Treasure	S-1.....	.....	Yellow Cassandra	S-1.....	.....	Yellow Rolinda*	S-4.....	14 Week Varieties		
.....	Bright Forecast	S-2.....	.....	Sunray	S-3.....	12 Week Varieties			.....	Yel. Riviera	S-2.....
.....	Lemonade	S-2.....	.....	Honeymoon	P-2.....	.....	Goldenrod	S-2.....	.....	Yellow Snowcrest	S-2.....
.....	Sweepstake	S-1.....	.....	10 Week Varieties			Illini Gold	S-2.....	.....	Yel. Garza	S-2.....
8 Week Varieties			.....	Barcarole	S-3.....	.....	Yellow Priscilla*	S-1.....	.....	Sequin	S-1.....
.....	Yellow Irena*	S-3.....	.....	Brigadoon	S-2.....	.....	Goldsmith	S-3.....	.....	Shamrock	S-3.....
.....	Sundew	P-0.....	.....	Crescendo	S-3.....	.....	Highlander	S-2.....	.....	December Gold	S-2.....
.....	Arlora	P-2.....	.....	Constellation	S-3.....	.....	Ill. Wampum	P-1.....	.....	Sunkist	S-1.....
.....	Moondrift	P-3.....	.....	Pixie	S-2.....	.....	Sunnyside	S-3.....	.....	Vibrant	S-3.....
.....	Rodell Imp.*	S-4.....	.....	Nuggets	S-2.....	.....	Yel. Priscilla *	S-3.....	.....	Revelry	S-2.....
9 Week Varieties			.....	Golden Mensa	S-1.....	.....	Champagne	S-1.....	.....	Gold Seal	P-3.....
.....	Goldfinch	P-0.....	.....	Yellow Shasta	S-4.....	.....	Yellow Valencia	S-2.....	.....	Sunrise	S-2.....
.....	Ordalia	P-2.....	.....	Calif. Yel Mensa	S-1.....	.....	Golden Jane*	S-2.....	.....	Gold. Anniversary	S-2.....
.....	Starlight	P-3.....	.....	Illini Gold Cup*	S-2.....	.....	Yellow Cordova	S-2.....	15 Week Varieties		
.....	Golden Herald	S-4.....	.....	Yellow Beauty*	S-2.....	.....	Yellow Fortune	P-2.....	.....	Siren	S-3.....
.....	Gold Coast	S-4.....	.....	11 Week Varieties			Omega	S-3.....	.....	Yuleflame	S-3.....
.....	Red Dot	S-3.....	.....	Yel. Sculpture	P-1.....	.....	Gold Medal	P-1.....	.....	Yel. Snow	S-3.....
.....	Yellow Dot	S-2.....	.....	Princeton	S-2.....	.....	Yel. Galaxy	S-1.....	.....	Yel. Revelation*	S-4.....
.....	Cream Dot	S-1.....	.....	Thorobred	S-1.....				.....	Ill. Yel	
									.....	Snowbound	S-1.....

BRONZE & RED POMPONS

6 Week Varieties			7 Week Varieties			.....	Success	P-1.....	.....	Fireside	S-1.....
.....	Orloma	P-1.....	.....	Avalon	P-3.....	.....	Panorama	P-3.....	.....	Nocturne	S-1.....
.....	Orsona	P-1.....	.....	Mona	S-1.....	.....	Red Velvet	S-1.....	.....	Nytoda	P-3.....
.....	W. P. Snyder	S-1.....	.....	Remembrance	S-1.....	.....	Bamboo	S-1.....	.....	Mrs. Du Pont	S-2.....
.....	Mme. Cadillac	P-1.....	.....	Regina	P-1.....	.....	Caravan	P-1.....	.....	Admiral	S-1.....
.....	Marionette	S-1.....	.....	Huntsman	S-1.....	.....	Orpheus	P-1.....	.....	Moonmaid	P-2.....
.....	Mogul	P-3.....	.....	Firecracker	S-1.....	.....	Carmine Queen	S-1.....	8 Week Varieties		
.....	Bonfire	S-1.....	.....	Buckeye	P-2.....	.....	Carnival	S-2.....	.....	Robinhue	S-1.....
									.....	Red Glow	S-1.....

BRONZE & RED POMPONS

Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount
			10 Week Varieties								
.....	Calumet	P-1.....	.....	Jetfire	P-1.....	.....	Paragon	S-3.....	.....	Amberina	S-1.....
.....	Rajah	S-1.....	.....	Commanche	S-1.....	.....	Illini Tangier	P-3.....	.....	Red Heritage	P-1.....
.....	Detroit	S-1.....	.....	Flame Glow*	P-2.....	.....	Red King	P-3.....	.....	Galaxy	S-3.....
.....	James Stewart	S-2.....	.....	Orange	P-2.....	.....	Cadet	P-3.....	.....	Or. Galaxy	P-1.....
.....	Talisman	P-2.....	.....	Beauregard	S-1.....	11 Week Varieties			13 Week Varieties		
.....	Adelaide*	S-4.....	.....	Beauregard	S-3.....	.....	Mrs. Dewey	S-2.....	.....	Red Enchantress*	P-1.....
.....	Paradise	P-2.....	.....	Butterscotch	S-2.....	.....	Shalimar	S-1.....	.....	Dazzler	S-1.....
.....	Jemima*	S-4.....	.....	Cassandra	S-2.....	.....	Red Princeton	S-2.....	.....	Br. Enchantress	S-1.....
.....	Palette	P-2.....	.....	Red Rust	S-2.....	.....	Illini Honey	S-1.....	.....	Debonair	S-2.....
.....	Br. Mary McArthur	S-1.....	.....	Rubicon	S-3.....	.....	Illini Redhead	S-1.....	.....	Mahogany Viking	S-1.....
9 Week Varieties			.....	Magician	S-2.....	.....	Illini Warrior	S-2.....	.....	Imp. Br. Supreme	S-1.....
.....	Bonton *	S-3.....	.....	Bittersweet	S-2.....	.....	Legal Tender	S-2.....	.....	Br. Supreme	S-1.....
.....	Gaiety	P-2.....	.....	Gypsy	S-3.....	.....	Rusticon	S-2.....	.....	Red Supreme	S-1.....
.....	Firebird	S-2.....	.....	Samovar	S-3.....	.....	Thelma	S-2.....	.....	Harlequin	S-1.....
.....	Bronze Dot	S-3.....	.....	Sylvanna	S-2.....	.....	Rubaiyat	P-1.....	.....	Holiday	S-2.....
.....	Oct. Bronze*	S-3.....	.....	Chanticleer	S-1.....	.....	Bourbon	S-1.....	.....	Cavalcade	S-1.....
.....	Buckskin	S-3.....	.....	Firegleam	P-1.....	.....	Carousel	S-1.....	.....	Pageantry	S-1.....
.....	Hilarity	P-2.....	.....	Chevron	S-2.....	.....	Festival	S-2.....	.....	Christmas Star	S-3.....
.....	Seneca	S-2.....	.....	The Titan	S-1.....	.....	Br. Minuet	S-2.....	.....	Br. Minstrel	S-2.....
.....	Firefly	S-2.....	.....	Bronze Thyra	S-1.....	.....	Dk. Br. Minuet	P-1.....	.....	Dk. Br. Minstrel	S-1.....
.....	Bronze Daisy	S-2.....	.....	Bronze Pandora	P-1.....	.....	Red Rolinda	S-2.....	.....	Red Minstrel	P-1.....
.....	Imp. Br. Daisy	S-1.....	.....	Barbara Fuller	P-1.....	12 Week Varieties			4 Week Varieties		
.....	Buccaneer	S-2.....	.....	Copperhead	S-3.....	.....	Illini Redwood	P-3.....	.....	Bronze Riviera	S-2.....
.....	Red Seneca	S-2.....	.....	Br. Linda Lou	S-2.....	.....	Br. Goldsmith	S-3.....	.....	Claret	S-1.....
.....	Br. Buckingham	S-1.....	.....	Br. Tuxedo	S-1.....	.....	Wanakah	P-3.....	.....	Topaz	S-1.....
.....	Navaho	S-2.....	.....	Gold Braid	S-1.....	.....	Falcon	S-2.....	.....	Christmas Greeting	S-3.....
.....	Red Daisy	S-2.....	.....	Br. Masterpiece	S-2.....	.....	Yolanda	S-2.....	.....	Sarong	S-2.....
.....	Imp. Red Daisy	S-2.....	.....	Dk Br.	S-2.....	.....	Indian Head	S-1.....	.....	Merrymaker	S-3.....
.....	(Adachi Red)		.....	Masterpiece	S-2.....	.....	Apricot Valencia	S-2.....	.....	Poinsettia	S-2.....
						.....	Crimson Valencia	S-2.....			

PINK POMPONS

6 Week Varieties		Jewell	S-2	Soprano	S-2	12 Week Varieties	
Orchid Helen	S-1	Tsukushi Pink	S-1	Dark Linda Lou	S-2	Pink Cloud	P-2
Early Wonder	S-1	Mirth	P-2	Tuxedo	S-1	Princess	S-2
Sonny	P-0	Carolyn Yosick	S-3	Humdinger	P-1	Hasegawa Pink	S-2
Spellbound	S-3	Mary McArthur	S-2	Miss Clarinda*	S-2	Beautiful Lady	S-3
Alex Cumming	P-2	Capt. Cook *	S-4	Queen of Pinks	S-4	Valencia	S-2
7 Week Varieties		Prelude	P-2	Masterpiece	S-3	Dark Valencia	S-3
Petrisian Mauve	P-1	9 Week Varieties		Rose Masterpiece	S-2	Dubonnet Valencia	P-3
Petrisian Pink	P-1	Pinkette	P-3	Salmon		Orchid Valencia	S-1
Petrisian Rose	P-1	Vogue	P-2	Masterpiece	S-2	Salmon Valencia	S-2
Miguel	P-1	Reward	S-3	Memorial	S-2	Heritage	S-2
Courtier	S-1	Pink Dot	S-4	Ill. Regal	P-1	13 Week Varieties	
Dream Girl	S-1	Jessie	S-2	11 Week Varieties		Enchantress	S-2
Ponca	S-1	Betty Rose	S-1	Taffeta	S-3	Dark Enchantress	S-2
Corona	P-1	Oct. Pink	S-2	Carole	P-2	Argyle	P-2
Lassie	S-1	Bluechip	S-1	Arbutus	S-1	Debutante	S-3
Serenade	S-1	Pk. Calif. Daisy	S-2	Dark Norma	S-2	Dk. Pk. Supreme	S-2
Orchid Spoon	S-1	(W. H. Buckingham)	S-1	Orchid Beauty	S-1	Imp. Dk. Supreme	S-2
Joybringer	S-2	Rainbow	S-1	Brocade	S-2	Ruffled Supreme*	S-2
Brigadier	S-1	Ballerina	S-2	Ill. Springtime	P-1	Minstrel	S-3
Sweetheart	S-1	Lillian Doty	S-2	Frieda*	S-2	Dk. Pk. Minstrel	P-1
Allegro	S-1	Lotus	P-2	Polka	P-2	Lt. Pk. Minstrel	S-1
Masquerade	S-1	Tempo	P-2	Nugano	P-2	Imp. Pk. Minstrel	P-1
Ronnie	S-1	10 Week Varieties		Grand Slam	S-2	14 Week Varieties	
Lavender Lady	S-1	Parisienne	P-1	Almega	S-2	Riviera	S-3
Sonnet	P-2	Dreamboat	S-2	Vivacious Lady	S-1	Dk. Riviera*	S-4
Betty	S-1	Portrait	S-2	Pink L. I. Beauty	S-2	Serrated Riviera	P-3
8 Week Varieties		Dark Bulkeley	S-2	Pinky	S-1	Coronet	S-1
Fairyland	P-2	Criterion	P-1	Dk. L. I. Beauty	S-1	Rosalind	S-2
Mayfair	P-3	Pennant	P-3	Dk. Pk. Majorette	P-2	Defiance	S-2
Jester	P-2	Cover Girl	P-2	Majorette	S-1	Medallion	S-2
Citation	P-2	Nobility	P-2	Minuet	S-3	Rose Medallion	S-1
Enterprise	P-3	Pandora	S-2	Dk. Pk. Minuet	P-1	Lynda McLane	P-1
Eliz. Hood	P-3	Thyra	S-2	Illini Formal	P-3	Pk. Treas. Island*	S-4
		Linda Lou	S-3				

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.....	Osage	N-2.....	Powder Puff	S-1.....	Pepita	S-2.....	Youdath's White	S-4.....
.....	Candlelight	S-4.....	Polar Ice	S-2.....	Gardenia	P-0.....	Snow Elf	S-2.....
.....	D.D. Ahrens	S-4.....	Wh. Bounty	S-2.....	Snow Fall	S-2.....	Classic	S-2.....
.....	Paper White	S-1.....	Wh. Tower	S-3.....	Ermine	S-2.....	Maestro	S-1.....
.....	Crystal Maid	P-0.....	Snow Spoon	P-0.....	Marshmallow	P-2.....	Wh. Spoon	S-4.....
.....	Chris. Columbus	S-3.....	Wh. Wonder	S-1.....	Limelight	P-1.....	Silver Plate	S-2.....
.....	White Cushion	S-4.....	Shalimar	S-1.....	Lytic	S-1.....	Silver Ball	S-4.....
.....	Calcite	S-4.....	Ostosa	P-1.....	Avalianche	S-1.....	Irene	S-2.....
.....	Marten's White	P-3.....	Wh. Cloud	S-1.....	Horizon	S-2.....	Norona	S-2.....

Pathfinder	N-2	Sept. Sunshine	S-3	Tranquility	P-0	Yel. Blanket	S-3
Early Gold	S-1	Aglow	N-2	Chiquita	S-3	Bright Forecast	S-2
Golden Hours	S-3	Wychwood	S-3	James Eadie	S-3	Gold Rush	S-2
Delight	P-3	Canary Wonder	S-2	Yel. Avalanche	S-3	Sweepstake	S-1
Genista	P-1	Golden Wonder	P-1	Garland	S-1	Lemonade	S-2
Yel. Supreme (H)	S-4	Chas. Nye	S-2	Polaris	S-2	Gold Lode	S-2
Pomponette	S-3	Golden Sunset	S-2	Mrs. Rotan	S-3	Rodell Imp.	S-4
Yel. Cushion	S-4	Honey Comb	S-1	Sunstone	P-1	Yel. Irene	S-3
Yel. Chris.		Moonlight	P-3	Spode	P-0	Buttercup (H)	N-2
Columbus	S-3	Lee Powell	P-3	Yel. Spoon	S-2	Valiant	P-0
Early Yellow	S-4	Tangerine	S-3	Treasure	S-1	Sarasota	N-2
Golden Carpet	S-2	Flaxen Beauty	P-3	Golden Spoon	S-4	Honey Sweet	P-0
Ming	P-3						

BLACK CLOTH FOR SHADING CHRYSANTHEMUMS

Style #258 (.001 Light Transmittance).....78c per sq. yd.
 Style #575 (.034 Light Transmittance).....72c per sq. yd.

Furnished in 36" widths—wider pieces can be had in multiples of 36" which are sewed together.

Give us your measurements and we will make up your specifications.

FUMICOVERS

Vinyl Plastic

For steam and gas sterilization purposes, also for partitioning. Comes in either **Clear Transparent** or **Opaque Black**. State which is preferred when ordering.

100 x 10	ft.	.....	\$32.00	per piece
100 x 13	ft.	.....	42.50	per piece
100 x 10 ½	ft.	.....	35.00	per piece
100 x 16	ft.	.....	52.75	per piece
150 x 6	ft.	.....	28.80	per piece
150 x 6 ½	ft.	.....	32.00	per piece
150 x 10	ft.	.....	45.00	per piece
150 x 13	ft.	.....	63.75	per piece

Or any size desired, at 4c per sq. ft.
Samples Available on Request

PLANT STAKES

Bamboo Dyed Green (Round)

	Per 1000	Per Bale of 2000
1 ½ foot	\$ 3.50	\$ 6.00
2 foot	4.50	8.00
2 ½ foot	5.50	10.00
3 foot	7.00	13.00
3 ½ foot	8.50	16.00
4 foot	9.50	18.00
5 foot	12.50	24.00
6 foot	\$10.00 per bale of 500	

Split Bamboo Stakes (Dyed Green)

	Per 1000	Per Bale of 5000
12 inch	\$ 2.50	\$10.00
15 inch	3.50	15.00
18 inch	4.50	20.00
24 inch	5.50	25.00

TWISTEMS

The Handy Plant Tie

	1,000	5,000	10,000	25,000
4 inch	\$.95	\$ 4.60	\$ 8.90	\$21.00
8 inch	1.70	7.95	15.30	36.50
12 inch	2.55	11.90	22.90	54.75
16 inch	3.40	15.85	30.50	73.00

BRONZE & RED GARDEN VARIETIES

Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount
.....	Glow Worm	S-1.....	.....	Bronze Wonder	S-2.....	.....	Sam Williston	S-3.....	.....	Success	S-1.....
.....	Early Harvest	S-1.....	.....	Champ. Cushion	S-4.....	.....	Gondolier	N-2.....	.....	Miguel	P-1.....
.....	Harbinger	S-1.....	.....	Comd. Cushion	S-4.....	.....	Bonfire	S-1.....	.....	Calumet (H)	P-1.....
.....	W.P. Snyder	S-1.....	.....	Mahogany Cush.	S-4.....	.....	Regina	P-1.....	.....	Huntsman	S-1.....
.....	Autumn Song	S-3.....	.....	Alpena	P-0.....	.....	Cardinal Spoon	S-1.....	.....	Carnival	S-2.....
.....	Autumn Tide	S-3.....	.....	Marionette	S-1.....	.....	Firecracker	S-1.....	.....	Caravan	S-1.....
.....	Apache	N-2.....	.....	Elite Cushion	P-3.....	.....	Cydonia	S-4.....	.....	Blue Blood	S-1.....
.....	Red Gold	S-2.....	.....	Holiday (H)	P-3.....	.....	Sept. Cheer.	S-4.....	.....	Carmine Queen	S-1.....
.....	Orloma	P-1.....	.....	Remembrance	S-1.....	.....	Burgundy	S-4.....	.....	Bamboo	S-1.....
.....	Flamboyant	P-0.....	.....	Kath. Lehman	S-2.....	.....	Ruby Pompon	S-4.....	.....	Fireside	S-1.....
.....	Overly	N-2.....	.....	Admiration	S-3.....	.....	Red Velvet	S-1.....	.....	Admiral	S-1.....
.....	Sept. Bronze	S-4.....	.....	Iron Mountain	P-0.....	.....	Mona	S-1.....	.....	Fashion	S-1.....
.....	Goblin	S-2.....	.....	Jubilee (H)	P-2.....	.....	Avalon	P-3.....	.....	Witchery	S-2.....
.....	Red Glow	S-1.....	.....	Mogul	P-3.....	.....	Courageous	S-3.....	.....	James Stewart	S-2.....
.....	Orsona	P-1.....	.....	Reverie	N-2.....	.....	Mrs. DuPont	S-2.....	.....	Robin Hue	S-1.....
.....	Scarlet Crimson	S-3.....	.....	Magnificent	P-3.....	.....	Buckeye	P-2.....	.....	Rajah	S-1.....
.....	Mme. Cadillac	P-1.....	.....	Red Cloud	S-2.....	.....	Beacon	S-2.....	.....	Chopin	N-2.....
.....	Rouge Cushion	P-3.....	.....	Red Riding Hood	S-3.....	.....	Aviator	S-3.....	.....	Arvis	N-2.....

PINK GARDEN VARIETIES

.....	Gladness	S-2.....	.....	Alert	S-4.....	.....	Tiffany Rose	S-3.....	.....	Time	S-2.....
.....	Cecil Beed	P-3.....	.....	Olive Longland	S-4.....	.....	Sonny	P-0.....	.....	Orchid Spoon	S-1.....
.....	Dr. Longley	P-3.....	.....	Cecilia	S-2.....	.....	Mischief	N-2.....	.....	Rose Spoon	S-4.....
.....	Sal. Precose	S-2.....	.....	Imp. Early Wond.	S-1.....	.....	Alex Cummings	P-2.....	.....	Lassie	S-1.....
.....	Rosa	N-2.....	.....	Spellbound	S-1.....	.....	Northern Queen	P-0.....	.....	Masquerade	S-1.....
.....	Purple Star	S-3.....	.....	Capt. J. Smith	S-4.....	.....	Petrisian Manve	P-1.....	.....	Joybringer	S-2.....
.....	Joan Helen	S-3.....	.....	Maj. Cushion	S-3.....	.....	Petrisian Pink	P-1.....	.....	Ronnie	S-1.....
.....	Nye's Favorite	S-2.....	.....	Rosita	S-3.....	.....	Petrisian Rose	P-1.....	.....	Eliz. Hood	P-3.....
.....	Orchid Helen	S-1.....	.....	Melinda Brown	P-3.....	.....	Lavender Lady	S-1.....	.....	Allegro	S-1.....
.....	Royal Robe	P-2.....	.....	Betty	S-1.....	.....	Corona (H)	P-1.....	.....	Adagio	S-2.....
.....	Chippewa	S-3.....	.....	Misty Maid	S-2.....	.....	Ponca	S-1.....	.....	Sonnet	P-2.....
.....	Fairbow	S-2.....	.....	Pat. Lehman	S-2.....	.....	Dream Girl	S-1.....	.....	Jewell	S-2.....
.....	Tapestry	S-2.....	.....	Fascination	P-2.....	.....	Courtier	S-1.....	.....	Enterprise	P-3.....
.....	Heather Bloom	S-3.....	.....	Myrtle Walgreen	S-2.....						

WHITE STANDARDS

Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount	Quantity	Variety	Price Class Amount
8 Week Varieties			10 Week Varieties			11 Week Varieties			12 Week Varieties		
.....	Silver Sheen	S-3.....	.....	Albatross	S-4.....	.....	Kegon's White*	S-3.....	.....	Chattanooga	S-3.....
.....	White Chief	S-2.....	.....	Snow White*	S-4.....	.....	White Pockett	S-2.....	.....	December Glory	S-4.....
.....	Christina	S-2.....	.....	Wh. Mary Garden	P-1.....	.....	Mrs. Iwata*	P-1.....	.....	Margaret Moeller	S-3.....
9 Week Varieties			11 Week Varieties			13 Week Varieties					
.....	Silver Queen	P-1.....	.....	Betsy Ross	S-3.....	.....	Sterling	S-2.....	.....	December White	S-2.....
.....	Nightingale*	S-2.....	.....	Giant Betsy Ross	S-4.....	.....	Marketeer	S-3.....	.....	White Mistletoe	S-2.....
.....	Granite State	S-3.....	.....	White Rayonnante	S-2.....	.....	Mafo	S-4.....	.....	Snowline	S-2.....
.....	Ambassador	S-2.....	.....	Ind. White	S-4.....	.....	Cream Mefo	S-2.....	.....	Smith's White	S-4.....
.....	Wilson's White	S-2.....	.....	Richard Mandel	S-2.....	.....	White Frick	S-2.....	.....	Smith's Cr. Wh.	P-1.....
.....	Queen's Lace	S-3.....	.....	Jean Elizabeth	S-3.....	.....	Indiana Market	S-1.....			
.....	Kay Tashima	S-1.....	.....	Wh. Fern Edwards*	S-3.....	.....	Wh. Peter John*	S-3.....			
			.....	Crystal Queen	S-2.....						

YELLOW STANDARDS

8 Week Varieties		Golden Glory S-2		Jamboree S-1		12 Week Varieties	
.....Honeysweet*	P-0	.....Yellow Lace	S-3	.....Yellow Beauty	S-2	Dk. Yel.	
.....Gold Lode	S-2	.....Gold Lace	S-1	.....Yellow Pockett	S-2	.....Chattanooga	S-1
.....Valiant*	P-0	.....Hooked Yel. Lace	S-1	.....Yellow Monument	S-3	.....Yel. Chattanooga	S-3
.....Celestra	S-2	.....Good News	S-4	.....Honeydew	S-1	.....Golden Peason	S-3
.....Harvest Golden	S-1	.....Yel. Ivanhoe	P-1	11 Week Varieties		.....Mrs. Calkins	S-1
.....Mrs. Kidder	S-3	.....Yel. Albatross*	P-1	.....Lorraine	S-1	.....Sungold	S-3
.....Butterball	S-2	10 Week Varieties		.....Yellow Marketeer	S-1	.....Golden Mrs. Ross	S-3
.....Blazing Gold	S-4	.....Imp. Ind. Yellow	S-4	.....Bonnaffon Deluxe	S-4	.....Yellow Moeller	S-2
9 Week Varieties		.....Ind. Yellow	S-4	.....Friendly Rival	S-3	13 Week Varieties	
.....Smith's Superlative	S-1	.....Dk. Ind. Yel.	S-4	.....Yellow Mefo	S-4	.....Golden Mistletoe	S-1
.....Moribana	P-3	.....Yel. Rayonnante	S-2	.....Purdue	S-1	.....Chalice	S-1
.....Yel. Ambassador	S-2	.....Sue Sally Jones*	S-4	.....Harvester	S-3	.....Tobin's Yellow	S-3
.....Luyona	P-3	.....Yel. Curly Spider	S-1	.....Marie DePetriss	S-3	.....Meteore	S-3
.....Sunglow	S-2	.....Yellow Queen	S-3	.....Yel. Peter John*	S-3	.....Dauntless	S-2

BRONZE & RED STANDARDS

8 Week Varieties		Ivanhoe	S-2	Ind. Bronze	S-4	11 Week Varieties	
Mayfords Triumph	S-1	Apricot Queen	S-2	Ind. Gold Bronze	S-1	Mrs. Eisenhower	P-1
Amber Bright	S-1	Detroit News	S-4	Dk. Ind. Bronze	S-2	Br. Frick	S-2
9 Week Varieties		Royal Bronze	S-2	Delaware	P-1	Br. Peter John*	S-3
		10 Week Varieties		Anaconda	S-2	12 Week Varieties	
Dalwin	P-3	Waikiki	S-1	Oakdale	S-1	Gladys Pearson	S-3
Hilda Bergen	S-2	Gena Harwood	S-2	Br. Orchid Queen	S-2	Oak Leaf	S-3
Gilters	S-1	Nomago	S-2	Mrs. Stahelin	S-2	Muto's Crimson	S-2
Red Gilters	S-1	Mamaru	S-1	Mrs. Roy	S-3	13 Week Varieties	
Antique	P-1			Garnet King	S-2	Bronze Mistletoe	S-2

PINK STANDARDS

8 Week Varieties		10 Week Varieties		11 Week Varieties		12 Week Varieties	
.....	Pink Chief S-3.....	.....	J. W. Prince S-2.....	.....	Peggy Hoover S-1.....	.....	Rose Delight* S-2.....
.....	Maj. Bowes S-1.....	.....	Rayonnante S-2.....	.....	Queen of Pinks S-4.....	.....	Thanks. Pink S-3.....
9 Week Varieties		Ind. Pink S-4.....		P. Fern Edward* S-3.....		Ed. Seidewitz S-2.....	
.....	Sugarplum S-1.....	Orchid Queen S-2.....		Phillip Kay* S-3.....		Dk. Peter John* S-3.....	
.....	Bunbu* S-2.....	Lavender Queen S-2.....		Lt. Peter John* S-3.....			
.....	Mrs. Walker S-1.....	Dk.Orchid Queen S-3.....		11 Week Varieties		13 Week Varieties	
.....	Mary Garden S-2.....			Aristocrat* S-2.....		Pink Mistletoe S-2.....	
				Helen Frick S-3.....			

BIRD Vita-Bands

PRICES — QUANTITIES — WEIGHTS

	SIZES	1½x1½ x 2½	1¾x1¾ x 2½	2x2 x 2½	2x2 x 3	2½x2½ x 3	3x3 x 3	4x4 x 3	4x4 x 4
PRICE PER M	VB-10	3.70	4.00	4.55	5.05	6.00	6.90	9.00	11.25
	VB-D	3.85	4.15	4.65	5.35	6.05	7.05	9.25	11.60
	VB-H		5.45	5.80	6.90	7.65	8.50	10.45	12.90
VITA- BAND 10	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	500	500
	WEIGHT PER CASE	33 lbs	38 lbs	42 lbs	51 lbs	63 lbs	37 lbs	25 lbs	33 lbs
VITA- BAND D	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	1M	1M
	WEIGHT PER CASE	21 lbs	24 lbs	27 lbs	32 lbs	41 lbs	24 lbs	32 lbs	42 lbs
VITA- BAND H	QUANTITY PER CASE		1M	1M	1M	500	500	500	500
	WEIGHT PER CASE		26 lbs	30 lbs	36 lbs	22 lbs	26 lbs	35 lbs	46 lbs

Prices higher in Rocky Mtn., Pacific Coast, Texas and Gulf State areas.

Vita Band 10 — Nutrient treated for short growing periods up to 10 weeks. Should be removed at time of transplanting.

Vita Band D — Holds root growth, except for long growing periods, until plants are set in permanent location. A slight pressure at that time will crack the band which then disintegrates into the soil.

Vita Band H — New nutrient treated Band. Will control root growth of plants demanding long growing periods.

BIRD Red & Vita POTS

Sold in Units of 1,000 only	PRICES PER THOUSAND							
	2"	2¼"	2½"	3"	3½"	4"	5"	6"
RED	8.60	8.60	8.70	9.15	12.20	14.70	18.15	22.25
VITA-POTS	14.60	14.95	15.50	17.40	22.70	25.70	33.40	44.10

RED: For shipping only. Not recommended for growing. Lightweight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out.

VITA-POTS: For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance.

PLANT BANDS-WOOD

	Per 1000
1 ¾ x 1 ¾ x 2 ½ in.	\$4.70
2 x 2 x 2 ½ in.	4.80
2 ½ x 2 ½ x 2 ½ in.	5.10
2 x 2 x 3 in.	5.10
2 ½ x 2 ½ x 3 in.	5.50
3 x 3 x 3 in.	5.90
4 x 4 x 3 in.	6.20
3 x 3 x 4 in.	6.10
4 x 4 x 4 in.	7.10